

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061451.D
 Acq On : 19 May 2020 00:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 19 03:34:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	246530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	460118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	212899	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	196139	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.54	113	129370	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	10.06	98	558749	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.37	95	213532	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	85112	41.520	ug/l	98
3) Chloromethane	2.03	50	154838	46.311	ug/l	99
4) Vinyl Chloride	2.16	62	215051	44.942	ug/l	98
5) Bromomethane	2.54	94	137287	57.321	ug/l	98
6) Chloroethane	2.67	64	153922	47.792	ug/l	97
7) Trichlorofluoromethane	2.98	101	306903	52.829	ug/l	98
8) Diethyl Ether	3.37	74	88810	52.485	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	106564	44.111	ug/l	100
10) Methyl Iodide	3.91	142	148329	50.552	ug/l	99
11) Tert butyl alcohol	4.72	59	108891	256.852	ug/l	100
12) 1,1-Dichloroethene	3.69	96	113339	44.851	ug/l	93
13) Acrolein	3.56	56	72777	239.819	ug/l	98
14) Allyl chloride	4.27	41	186775	45.416	ug/l	93
15) Acrylonitrile	4.92	53	336892	268.224	ug/l	99
16) Acetone	3.77	43	245768	261.631	ug/l	100
17) Carbon Disulfide	4.01	76	275538	50.873	ug/l	99
18) Methyl Acetate	4.27	43	136646	54.245	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	520985	54.328	ug/l	99
20) Methylene Chloride	4.50	84	152947	50.580	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	143936	49.396	ug/l	99
22) Diisopropyl ether	5.89	45	497871	53.874	ug/l	95
23) Vinyl Acetate	5.83	43	2033519	276.713	ug/l	98
24) 1,1-Dichloroethane	5.79	63	281376	52.201	ug/l	99
25) 2-Butanone	6.78	43	435581	260.012	ug/l	99
26) 2,2-Dichloropropane	6.77	77	216407	42.115	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	184418	53.579	ug/l	96
28) Bromochloromethane	7.15	49	139148	60.817	ug/l	97
29) Tetrahydrofuran	7.16	42	291582	262.813	ug/l	100
30) Chloroform	7.32	83	312872	55.573	ug/l	100
31) Cyclohexane	7.61	56	211734	44.290	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	256436	49.846	ug/l	99
36) 1,1-Dichloropropene	7.75	75	205140	46.099	ug/l	99
37) Ethyl Acetate	6.88	43	195228	48.377	ug/l	99
38) Carbon Tetrachloride	7.73	117	194653	47.505	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	215456	39.641	ug/l	96
40) Benzene	8.00	78	680899	50.774	ug/l	99
41) Methacrylonitrile	7.12	41	87662	51.430	ug/l	97
42) 1,2-Dichloroethane	8.08	62	261026	54.026	ug/l	100
43) Isopropyl Acetate	8.12	43	361082	51.300	ug/l	99
44) Trichloroethene	8.80	130	177174	50.422	ug/l	99
45) 1,2-Dichloropropane	9.08	63	178247	53.103	ug/l	99
46) Dibromomethane	9.17	93	127428	54.154	ug/l	98
47) Bromodichloromethane	9.37	83	264092	53.268	ug/l	98
48) Methyl methacrylate	9.16	41	166100	51.084	ug/l	99
49) 1,4-Dioxane	9.16	88	39354	1156.624	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1006124	262.401	ug/l	99
52) Toluene	10.12	92	439397	51.036	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	289223	53.225	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	304314	52.682	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	184234	56.601	ug/l	99
56) Ethyl methacrylate	10.40	69	278547	54.737	ug/l	99
57) 1,3-Dichloropropane	10.68	76	310468	55.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	585695	262.212	ug/l	98
59) 2-Hexanone	10.72	43	715977	258.097	ug/l	100
60) Dibromochloromethane	10.87	129	202931	56.361	ug/l	100
61) 1,2-Dibromoethane	10.98	107	191950	56.086	ug/l	99
64) Tetrachloroethene	10.60	164	163092	45.817	ug/l	99
65) Chlorobenzene	11.40	112	468288	49.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	175956	52.309	ug/l	98
67) Ethyl Benzene	11.48	91	831932	48.573	ug/l	100
68) m/p-Xylenes	11.59	106	637171	98.010	ug/l	99
69) o-Xylene	11.92	106	312799	49.720	ug/l	99
70) Styrene	11.94	104	542986	52.120	ug/l	100
71) Bromoform	12.10	173	130799	50.004	ug/l #	99
73) Isopropylbenzene	12.22	105	783874	45.864	ug/l	100
74) N-amyl acetate	12.04	43	321994	51.469	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	241902	51.443	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	322397	70.573	ug/l #	100
77) Bromobenzene	12.50	156	191235	51.557	ug/l	98
78) n-propylbenzene	12.56	91	886031	45.498	ug/l	99
79) 2-Chlorotoluene	12.65	91	546507	47.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	654548	46.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	84629	49.144	ug/l	97
82) 4-Chlorotoluene	12.75	91	584116	49.009	ug/l	100
83) tert-Butylbenzene	12.97	119	520170	43.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	674022	48.126	ug/l	99
85) sec-Butylbenzene	13.15	105	685033	42.262	ug/l	100
86) p-Isopropyltoluene	13.26	119	622007	43.215	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	337678	49.744	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	341970	50.302	ug/l	100
89) n-Butylbenzene	13.59	91	536217	41.007	ug/l	100
90) Hexachloroethane	13.85	117	87566	44.889	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	332219	51.019	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49116	51.708	ug/l	99

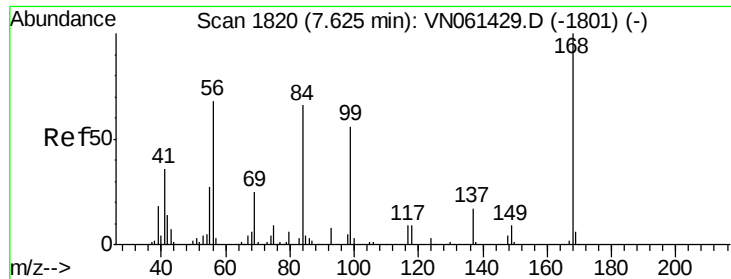
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	168654	47.767	ug/l	99
94) Hexachlorobutadiene	14.98	225	56375	35.935	ug/l	97
95) Naphthalene	15.10	128	597193	53.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	164330	46.753	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

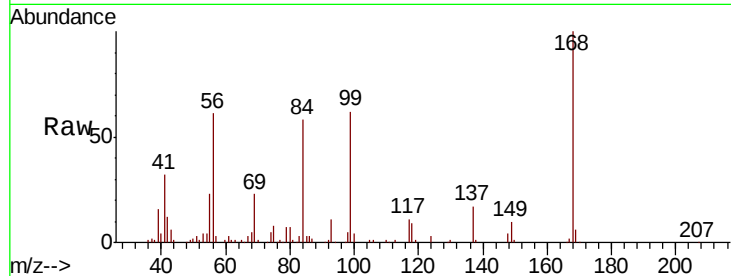
VSTDCCC050

Tot Ion:168 Resp: 246530

Ion Ratio Lower Upper

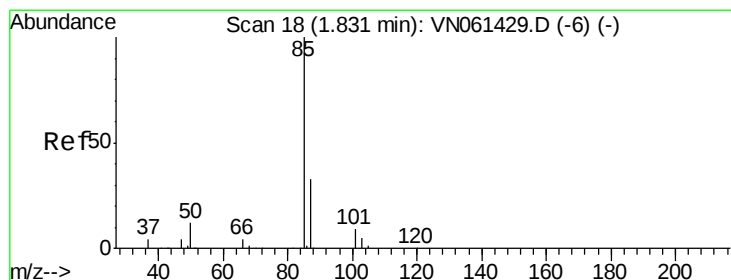
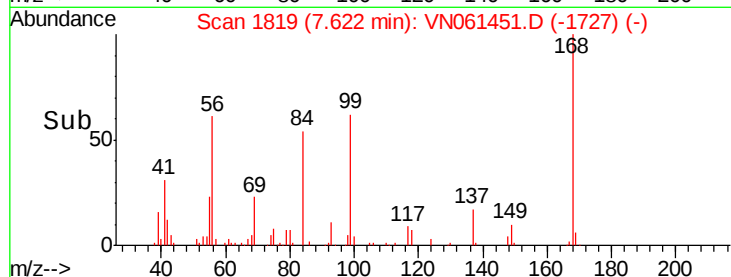
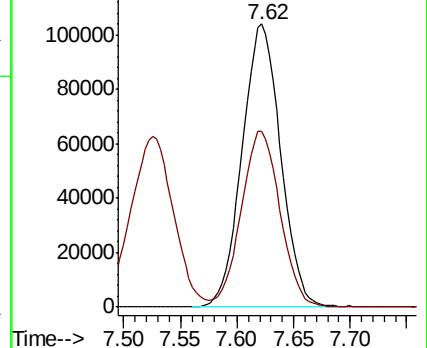
168 100

99 61.7 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 41.520 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061451.D

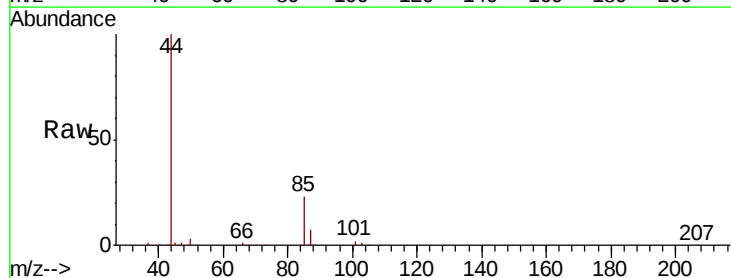
Acq: 19 May 2020 00:20

Tgt Ion: 85 Resp: 85112

Ion Ratio Lower Upper

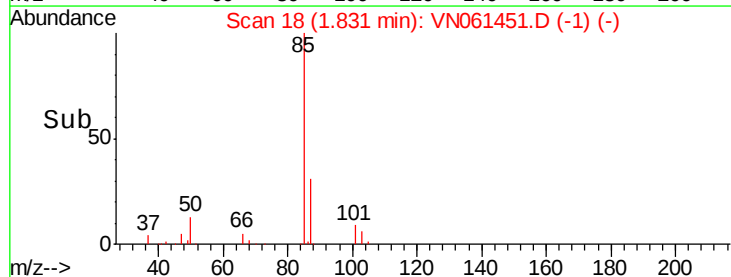
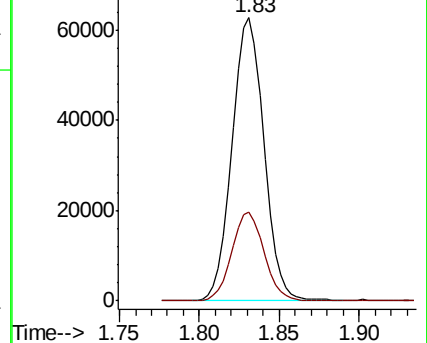
85 100

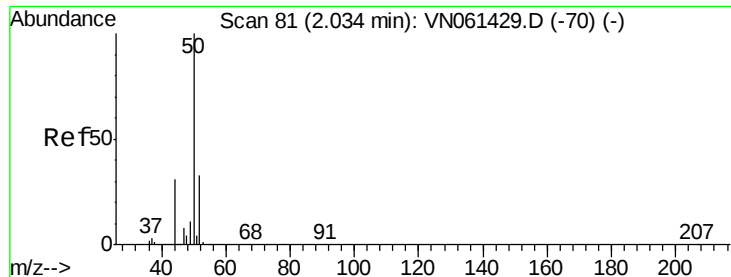
87 31.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.311 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

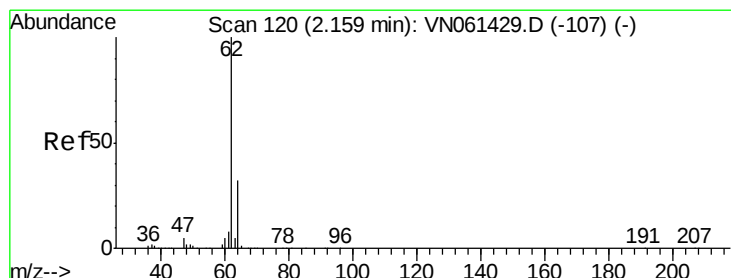
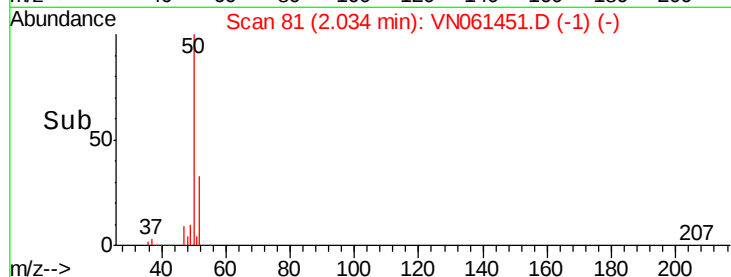
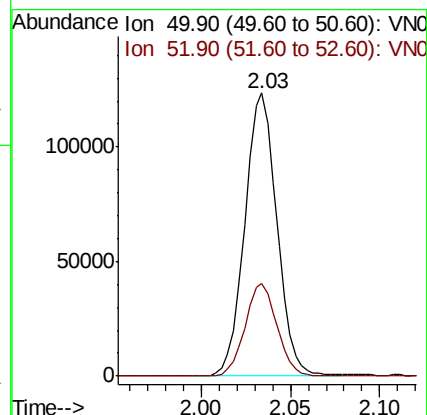
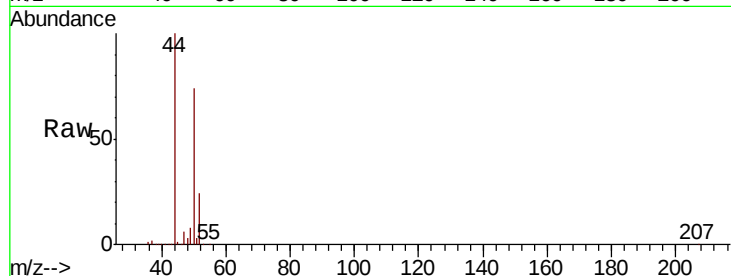
VSTDCCC050

Tot Ion: 50 Resp: 154838

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 44.942 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061451.D

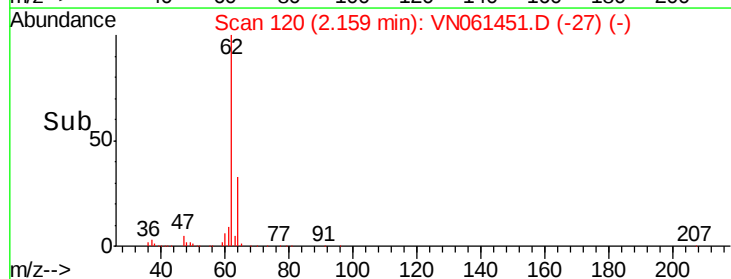
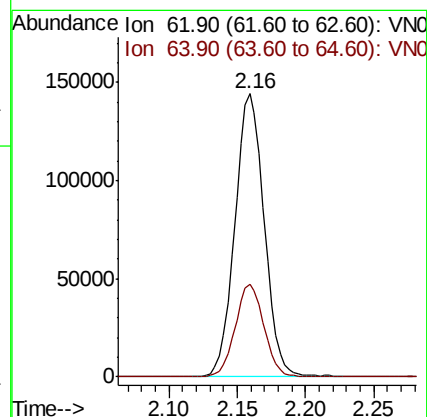
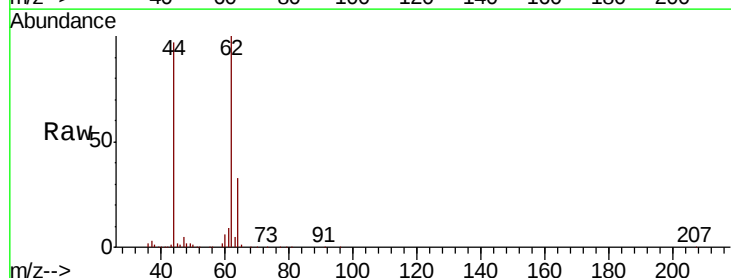
Acq: 19 May 2020 00:20

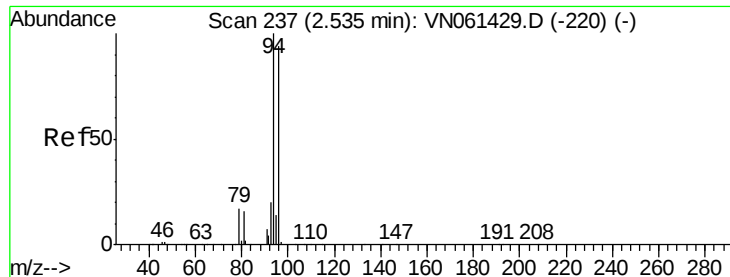
Tgt Ion: 62 Resp: 215051

Ion Ratio Lower Upper

62 100

64 32.7 25.3 37.9





#5

Bromomethane

Concen: 57.321 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

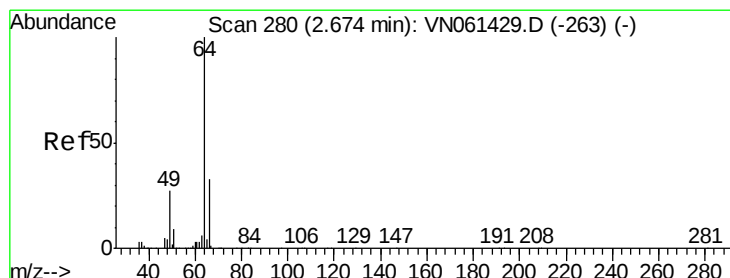
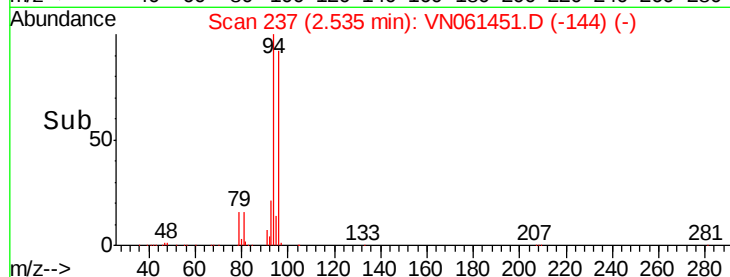
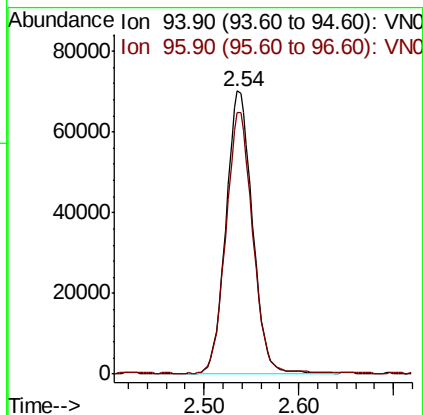
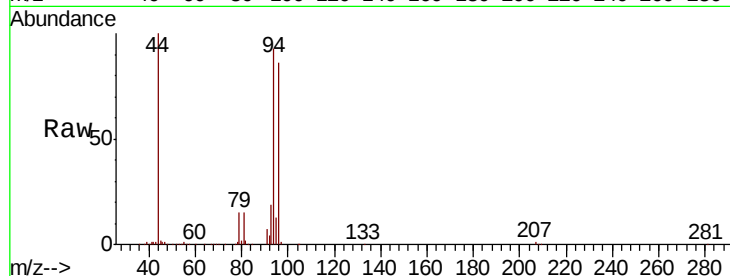
VSTDCCC050

Tot Ion: 94 Resp: 137287

Ion Ratio Lower Upper

94 100

96 91.8 74.9 112.3



#6

Chloroethane

Concen: 47.792 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061451.D

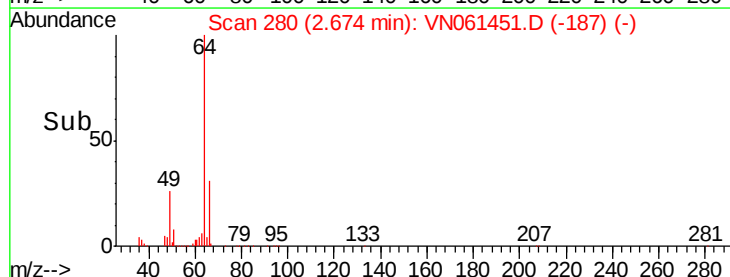
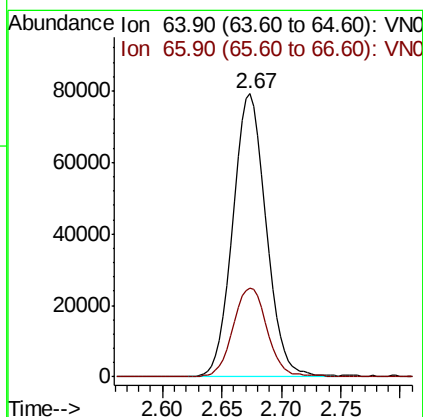
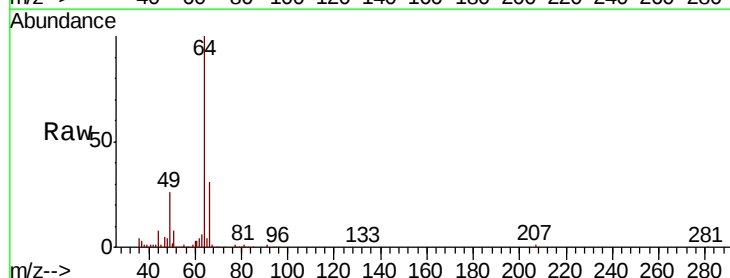
Acq: 19 May 2020 00:20

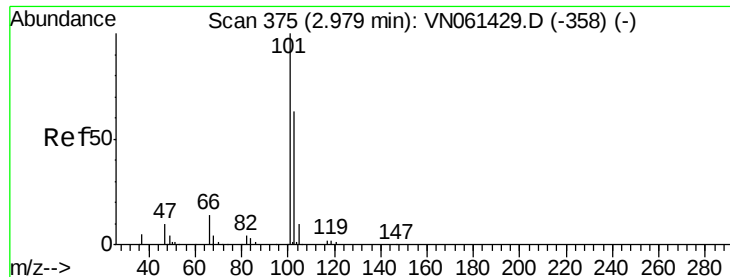
Tgt Ion: 64 Resp: 153922

Ion Ratio Lower Upper

64 100

66 31.3 26.3 39.5



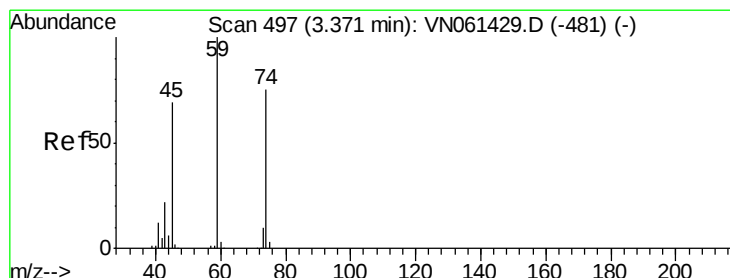
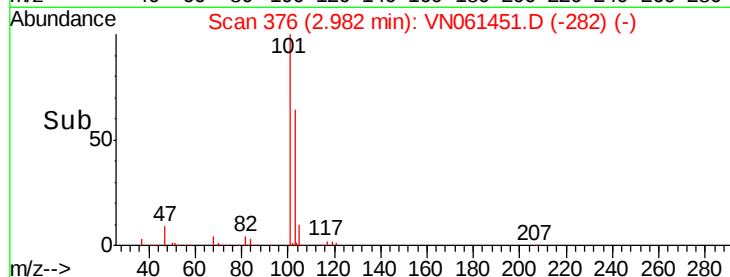
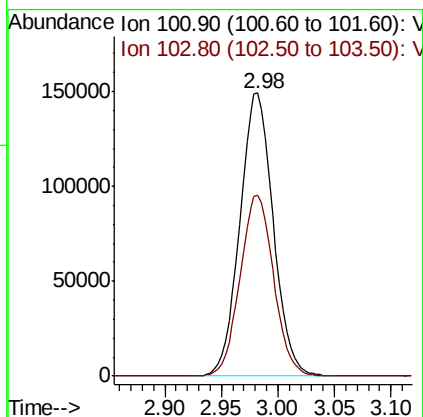
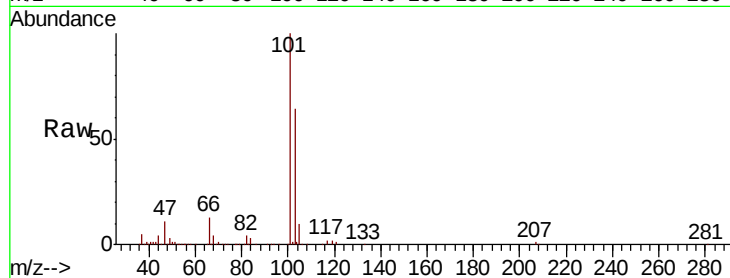


#7

Trichlorofluoromethane
Concen: 52.829 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
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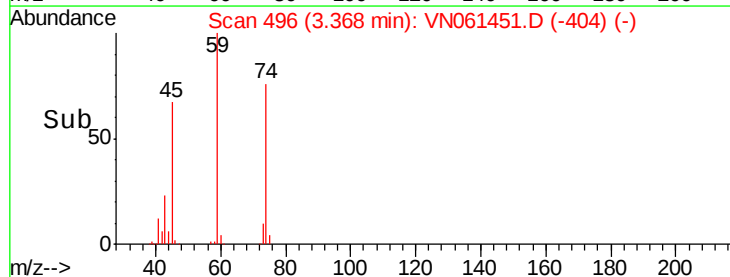
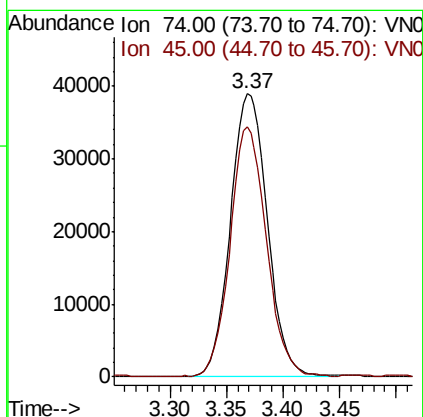
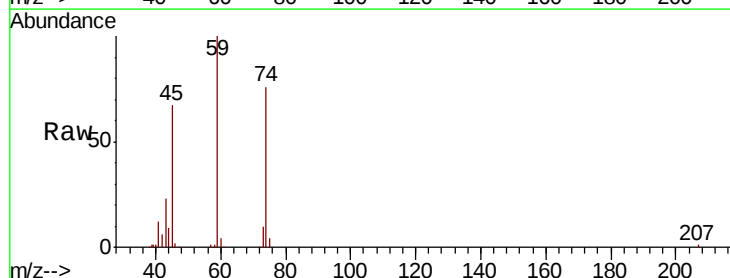
Tot Ion:101 Resp: 306903
Ion Ratio Lower Upper
101 100
103 64.1 50.2 75.4

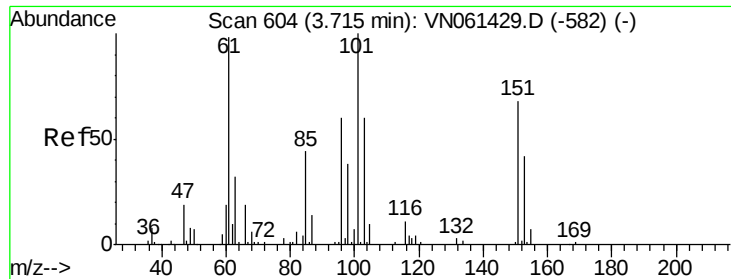


#8

Diethyl Ether
Concen: 52.485 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 74 Resp: 88810
Ion Ratio Lower Upper
74 100
45 86.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.111 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

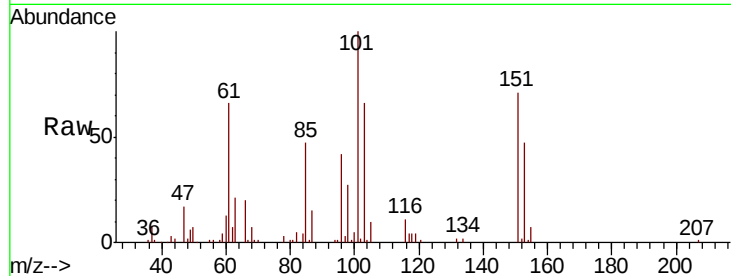
Tot Ion:101 Resp: 106564

Ion Ratio Lower Upper

101 100

85 46.0 36.6 55.0

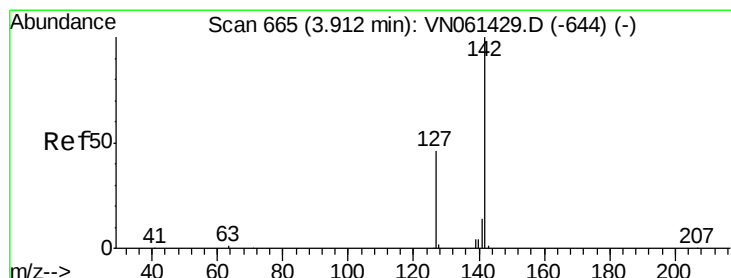
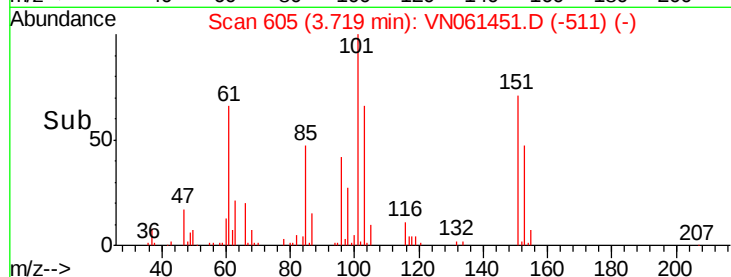
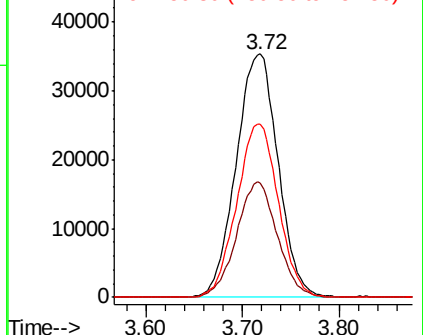
151 70.7 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.552 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

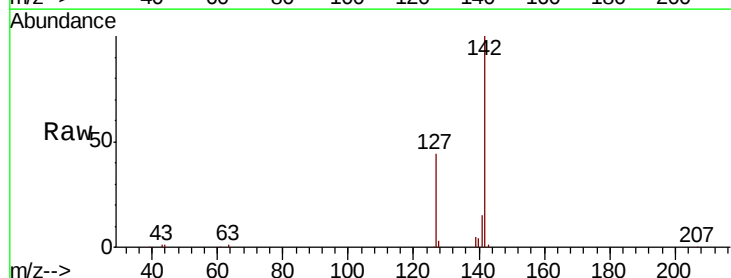
Tgt Ion:142 Resp: 148329

Ion Ratio Lower Upper

142 100

127 46.3 36.7 55.1

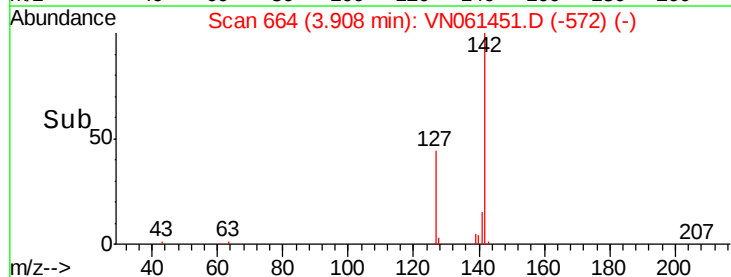
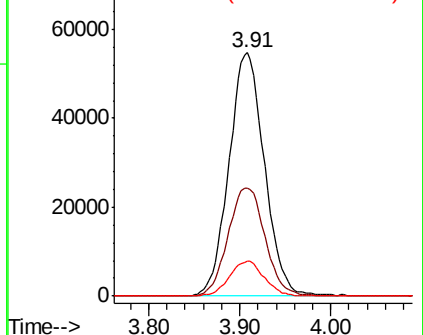
141 14.2 11.5 17.3

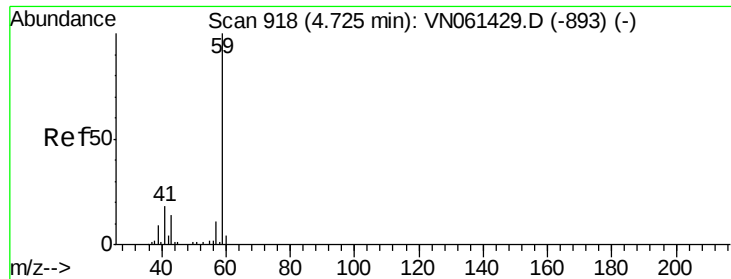


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



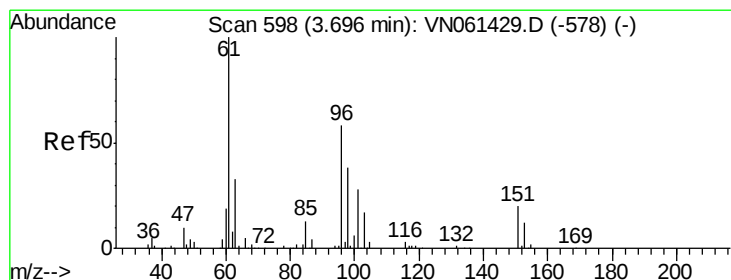
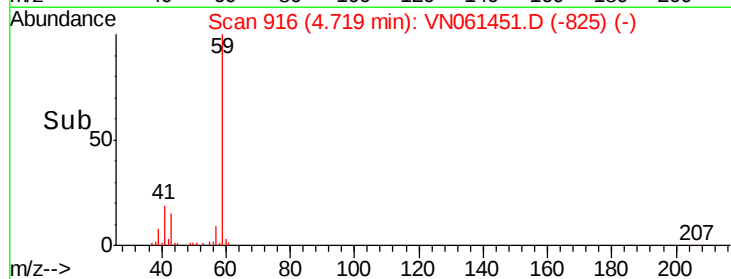
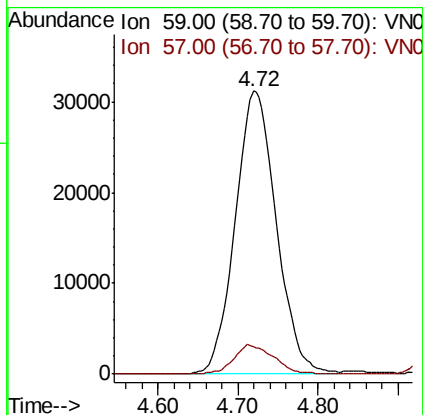
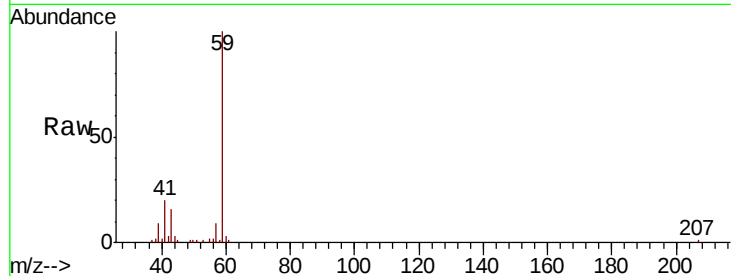


#11

Tert butyl alcohol
 Concen: 256.852 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

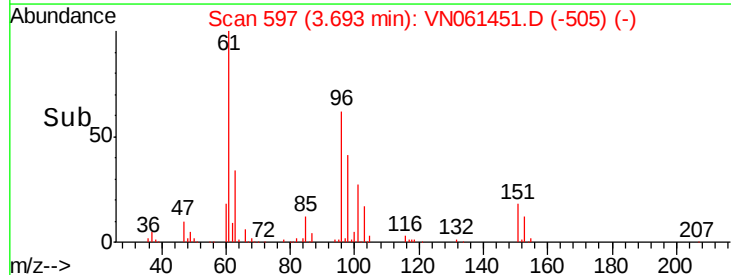
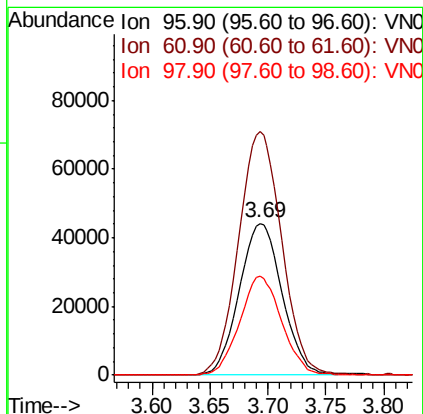
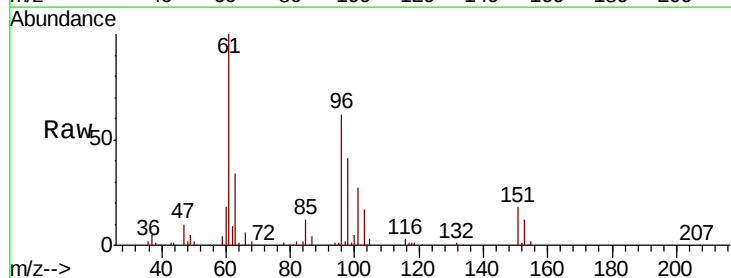
Tot Ion: 59 Resp: 108891
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

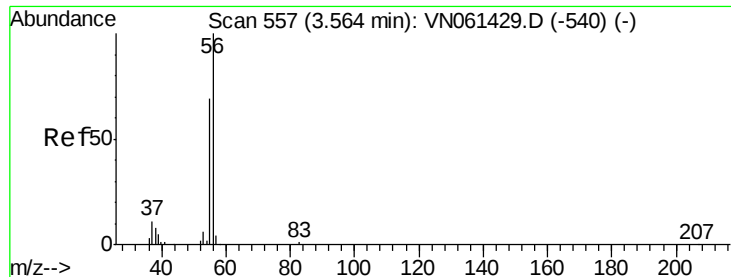


#12

1,1-Dichloroethene
 Concen: 44.851 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 96 Resp: 113339
 Ion Ratio Lower Upper
 96 100
 61 160.3 138.7 208.1
 98 65.3 53.0 79.6





#13

Acrolein

Concen: 239.819 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

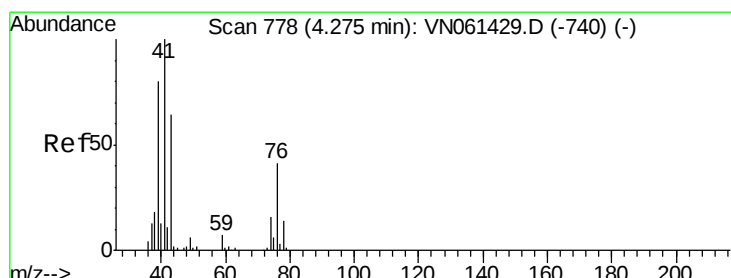
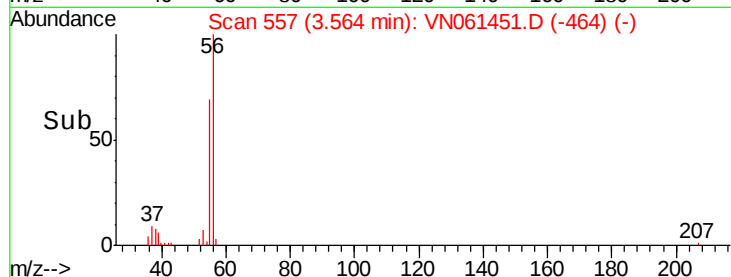
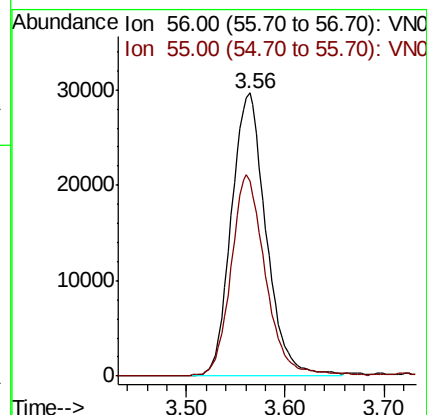
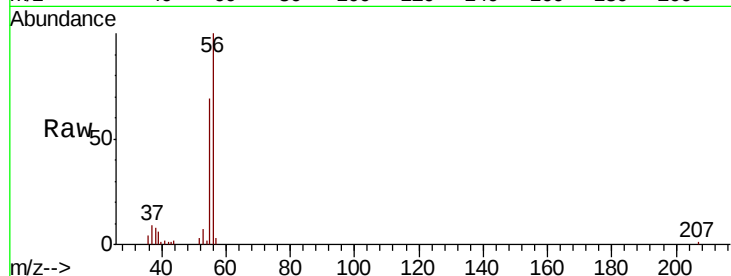
VSTDCCC050

Tot Ion: 56 Resp: 72777

Ion Ratio Lower Upper

56 100

55 70.3 54.8 82.2



#14

Allyl chloride

Concen: 45.416 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

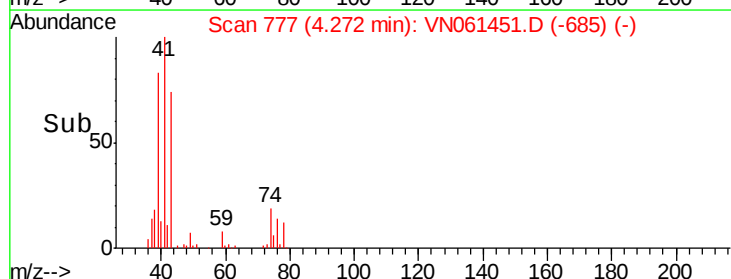
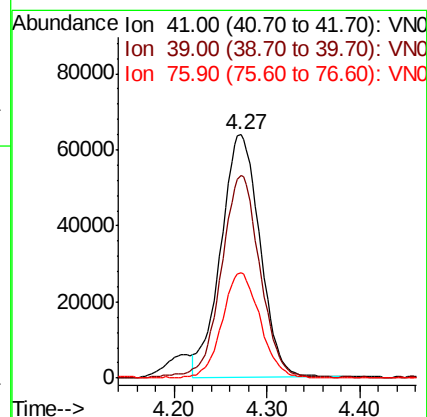
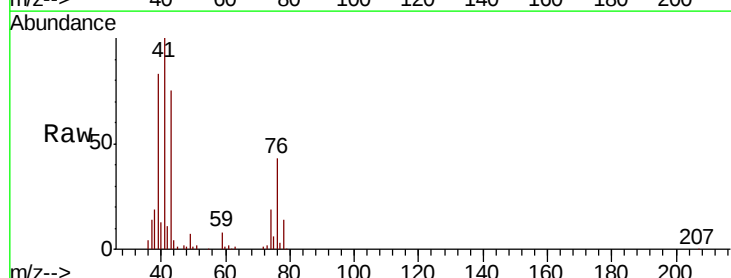
Tgt Ion: 41 Resp: 186775

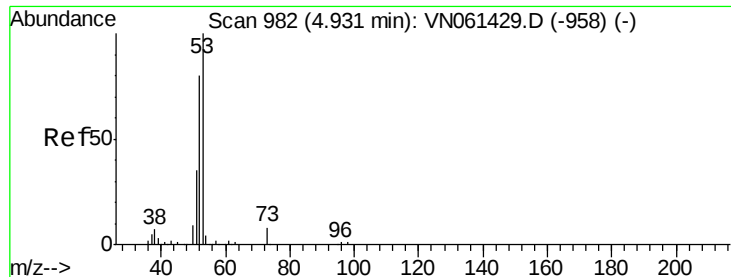
Ion Ratio Lower Upper

41 100

39 83.2 61.2 91.8

76 41.2 29.9 44.9





#15

Acrylonitrile

Concen: 268.224 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

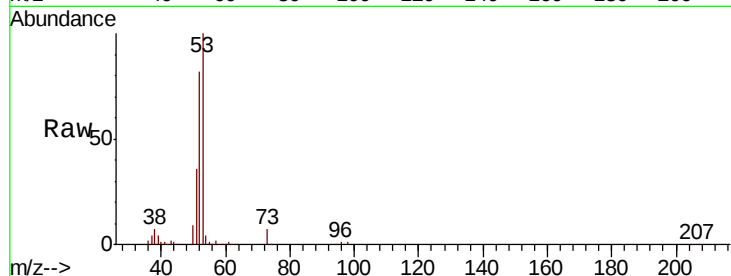
Tot Ion: 53 Resp: 336892

Ion Ratio Lower Upper

53 100

52 81.4 64.7 97.1

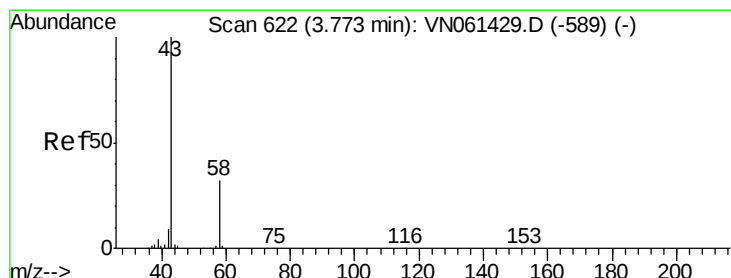
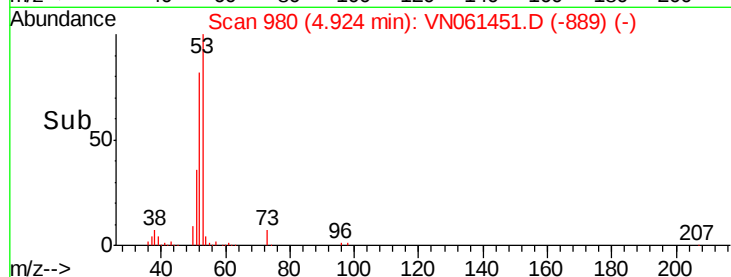
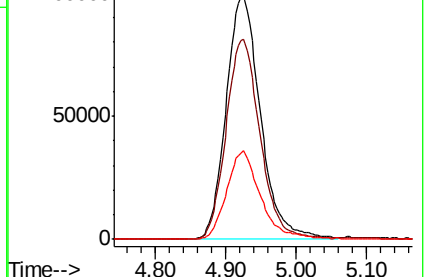
51 35.8 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061429.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061429.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061429.D (-958) (-)



#16

Acetone

Concen: 261.631 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN061451.D

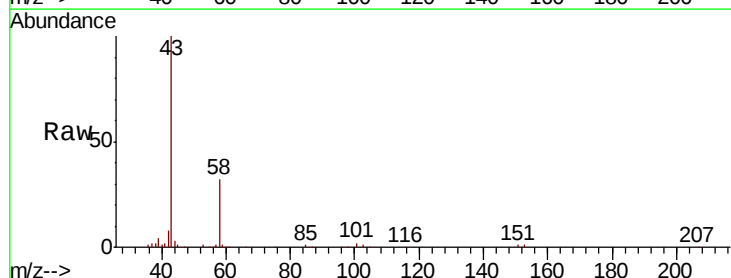
Acq: 19 May 2020 00:20

Tgt Ion: 43 Resp: 245768

Ion Ratio Lower Upper

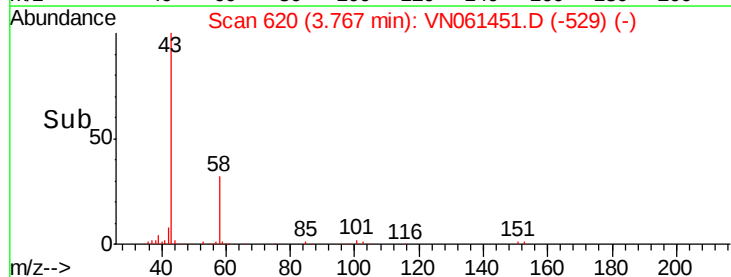
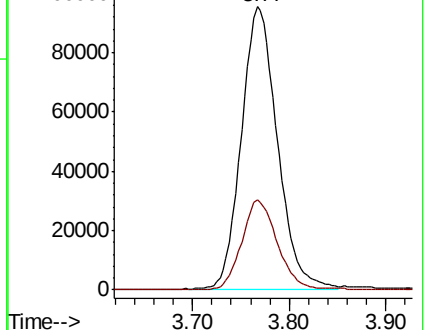
43 100

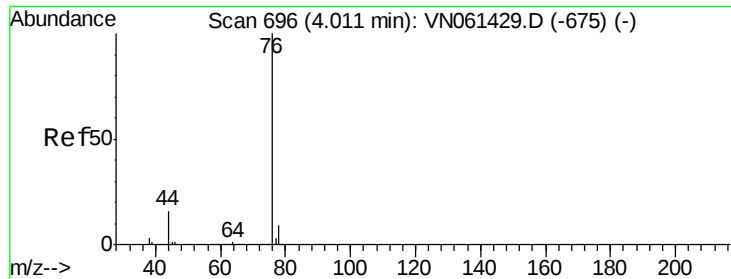
58 32.0 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-589) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-589) (-)

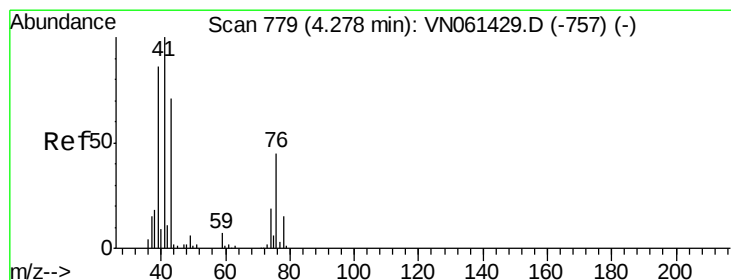
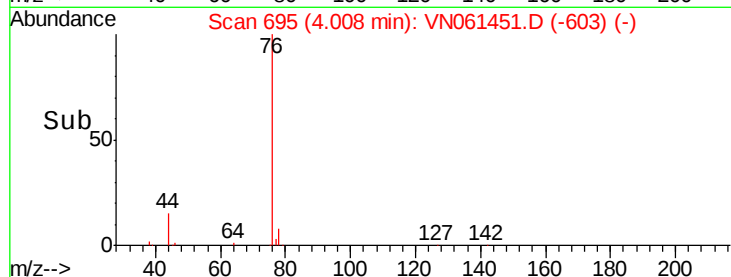
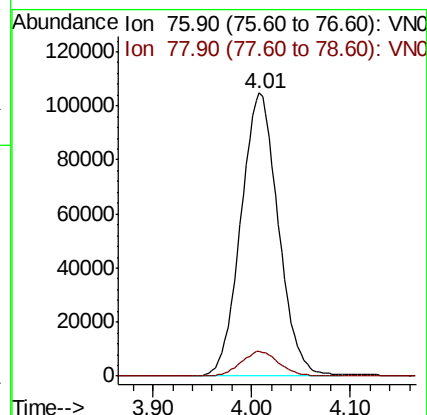
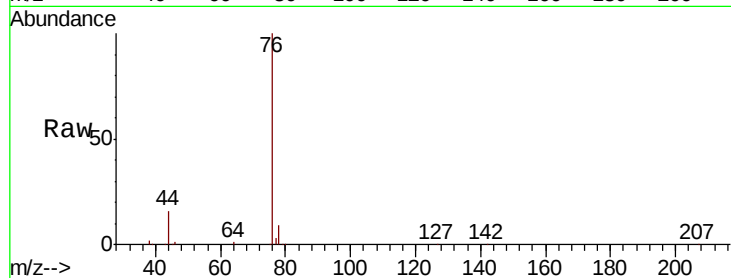




#17
Carbon Disulfide
Concen: 50.873 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

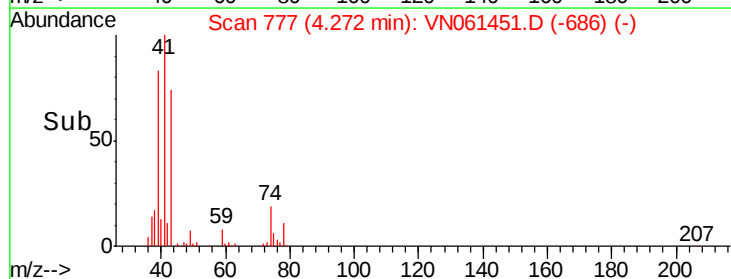
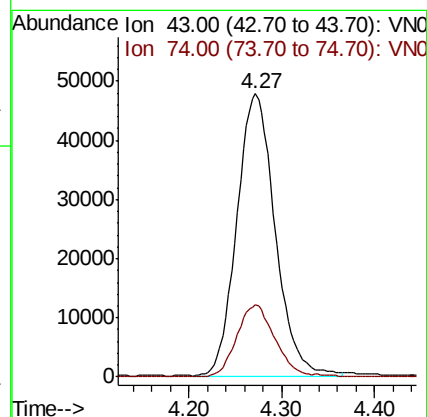
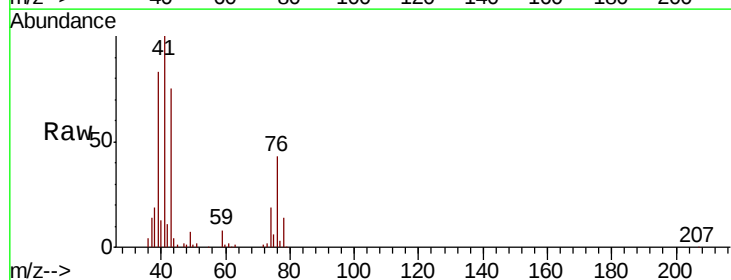
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

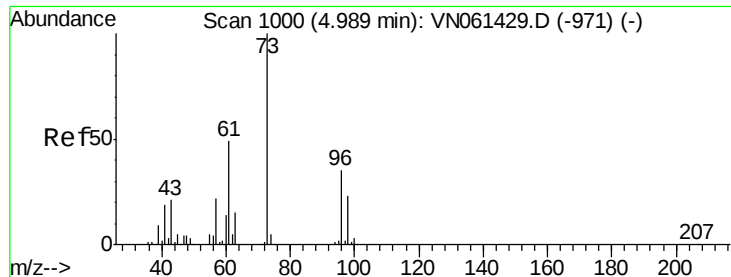
Tot Ion: 76 Resp: 275538
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 54.245 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 43 Resp: 136646
Ion Ratio Lower Upper
43 100
74 25.8 20.8 31.2

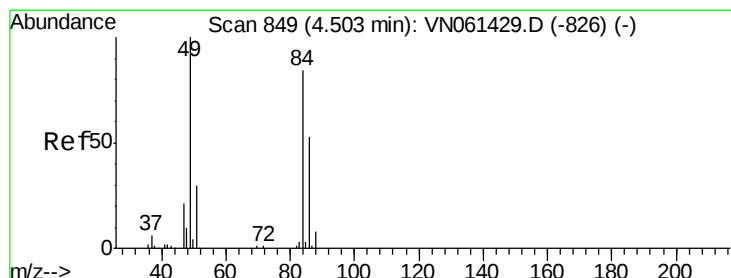
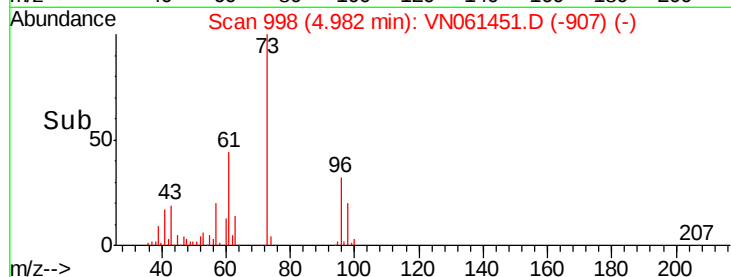
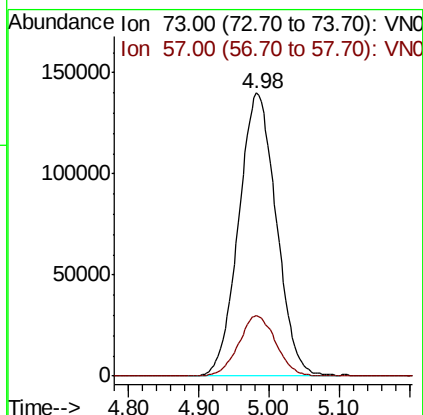
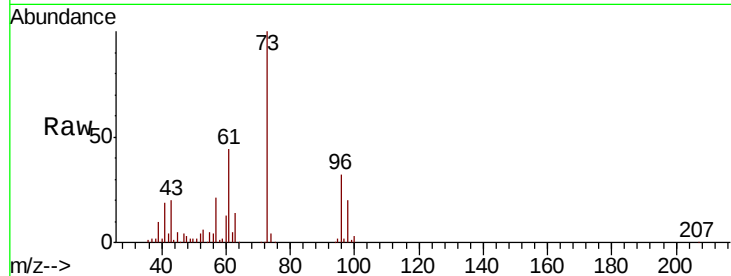




#19
Methvl tert-butvl Ether
Concen: 54.328 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

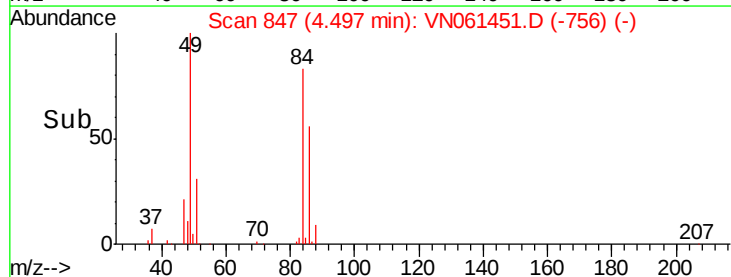
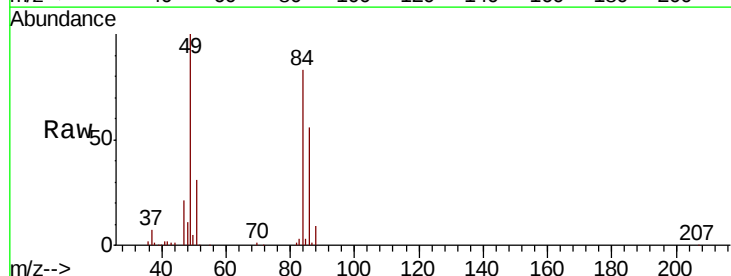
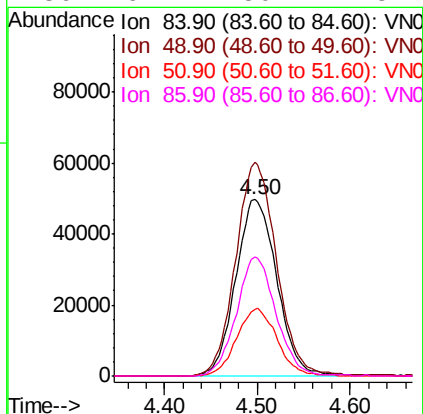
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

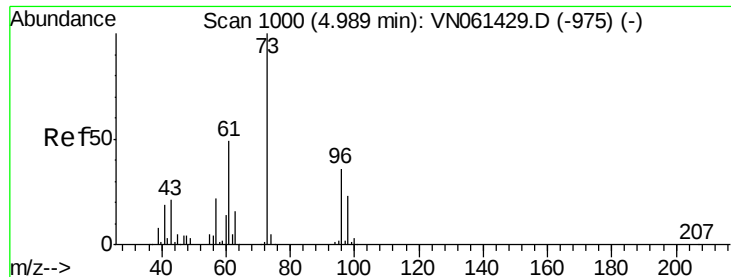
Tot Ion: 73 Resp: 520985
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 50.580 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 84 Resp: 152947
Ion Ratio Lower Upper
84 100
49 121.0 95.3 142.9
51 37.6 29.0 43.6
86 67.2 50.2 75.2

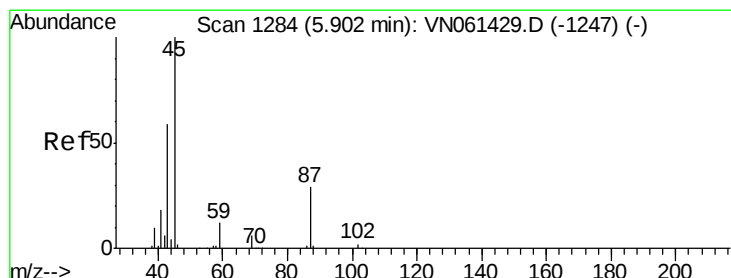
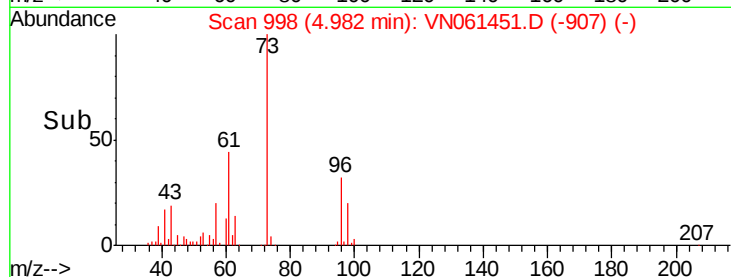
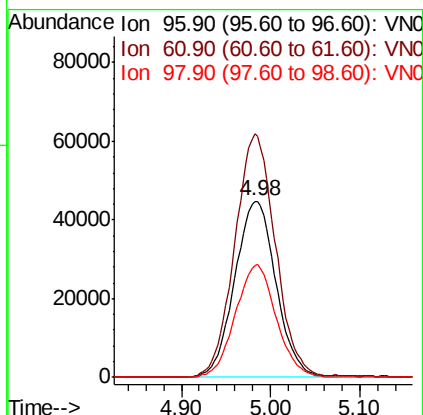
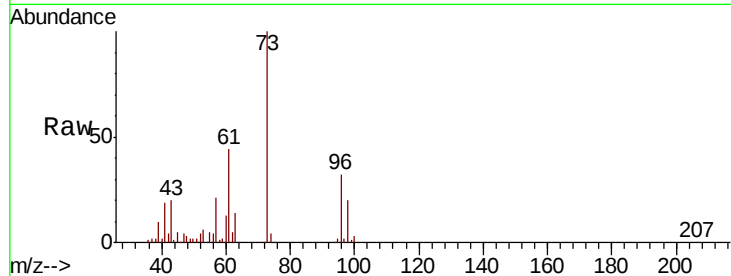




#21
trans-1,2-Dichloroethene
Concen: 49.396 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

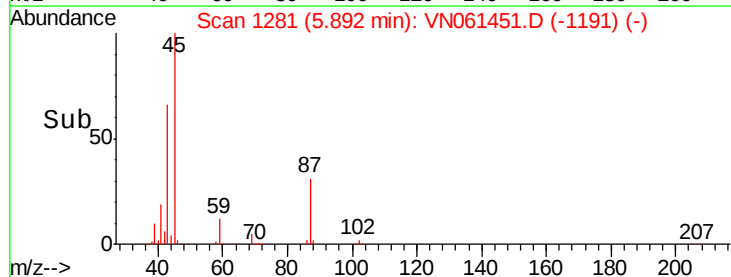
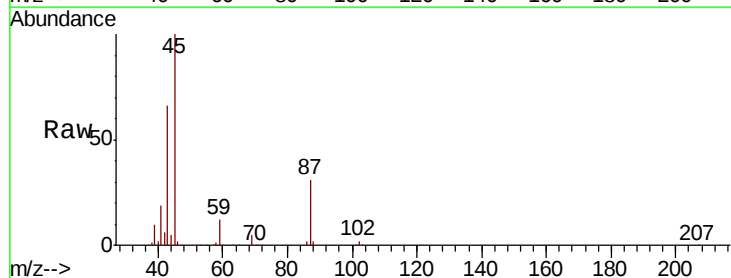
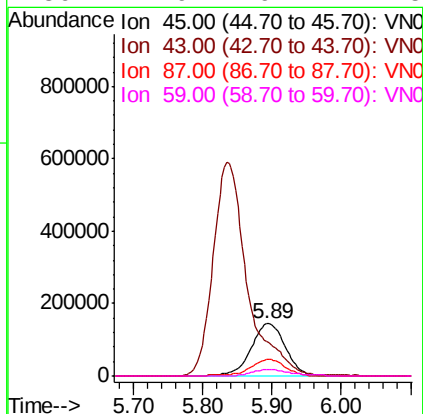
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

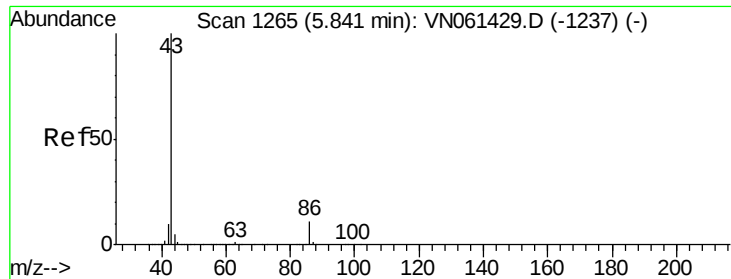
Tot Ion: 96 Resp: 143936
Ion Ratio Lower Upper
96 100
61 138.2 109.8 164.6
98 63.8 52.4 78.6



#22
Diisopropyl ether
Concen: 53.874 ug/l
RT: 5.89 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 45 Resp: 497871
Ion Ratio Lower Upper
45 100
43 64.8 47.9 71.9
87 31.1 24.0 36.0
59 11.9 9.7 14.5

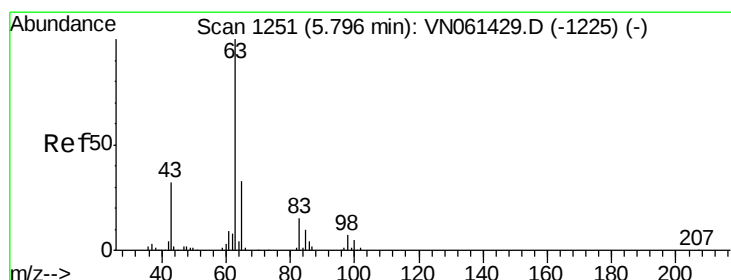
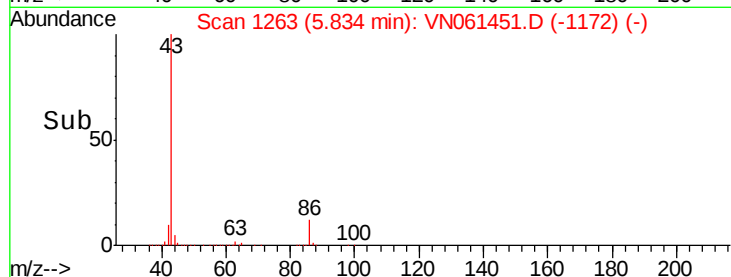
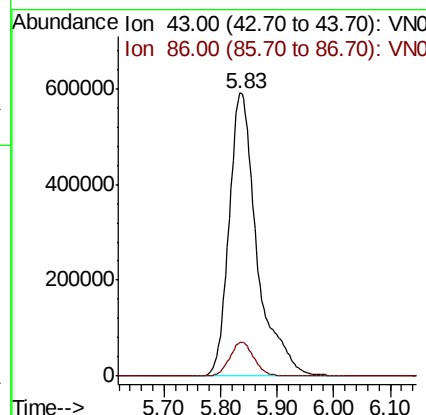
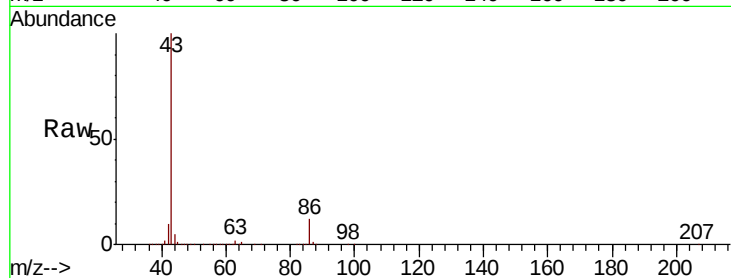




#23
 Vinyl Acetate
 Concen: 276.713 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

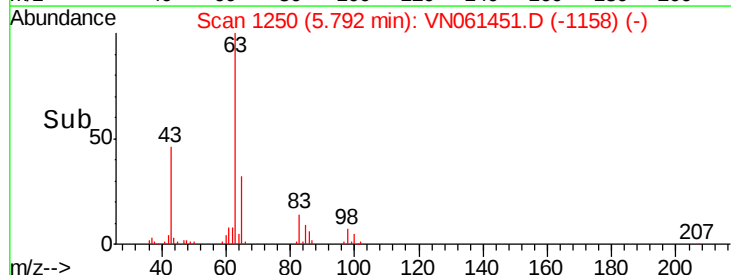
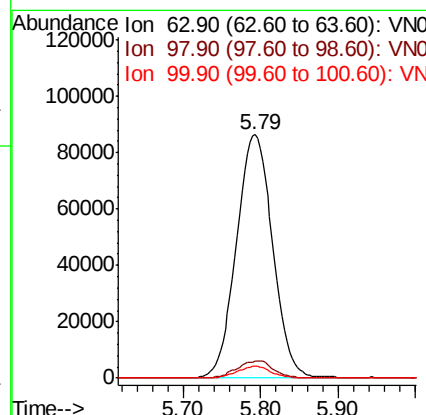
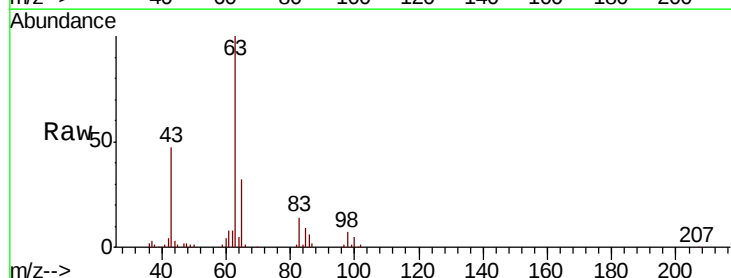
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

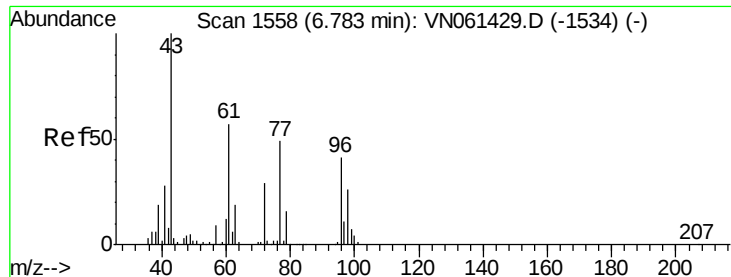
Tot Ion: 43 Resp: 2033519
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 52.201 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 63 Resp: 281376
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 260.012 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

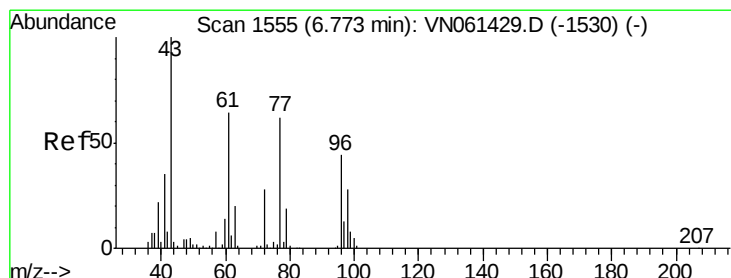
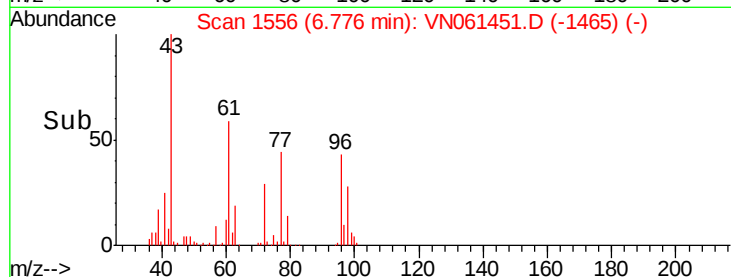
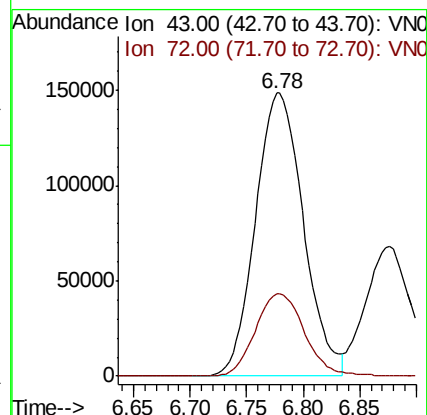
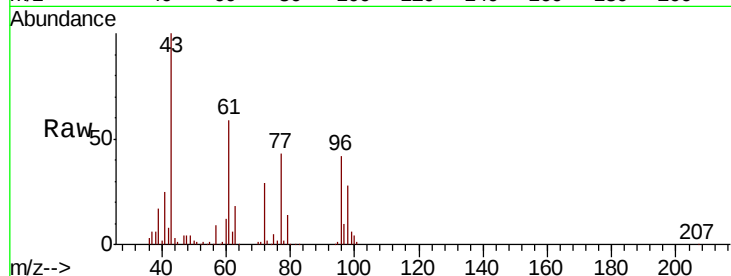
VSTDCCC050

Tot Ion: 43 Resp: 435581

Ion Ratio Lower Upper

43 100

72 29.3 23.0 34.6



#26

2,2-Dichloropropane

Concen: 42.115 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN061451.D

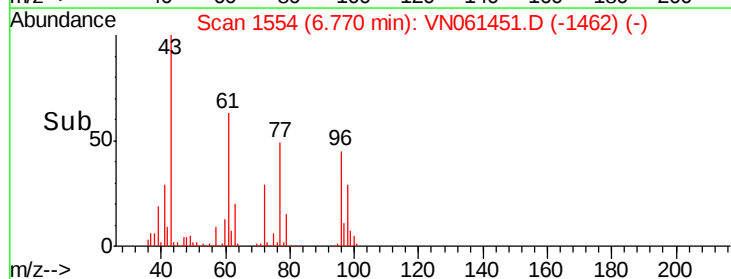
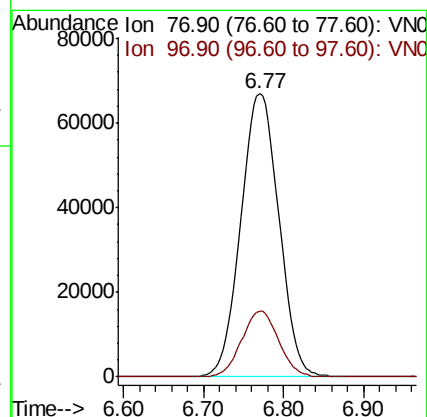
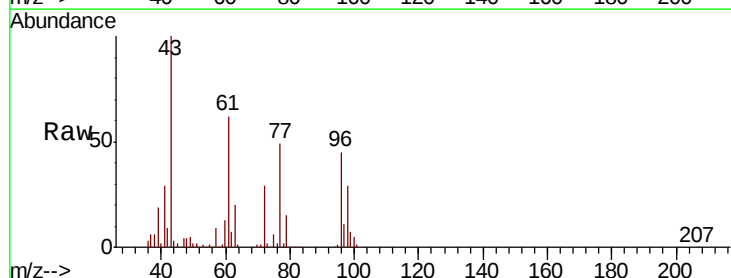
Acq: 19 May 2020 00:20

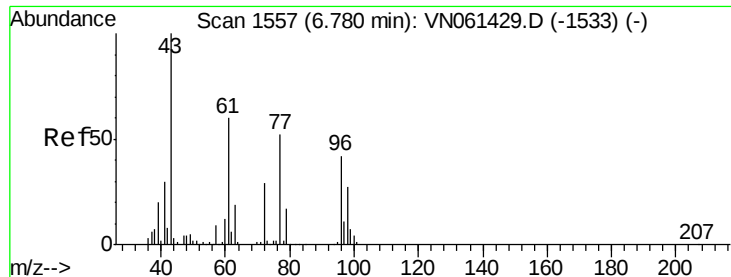
Tgt Ion: 77 Resp: 216407

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.579 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

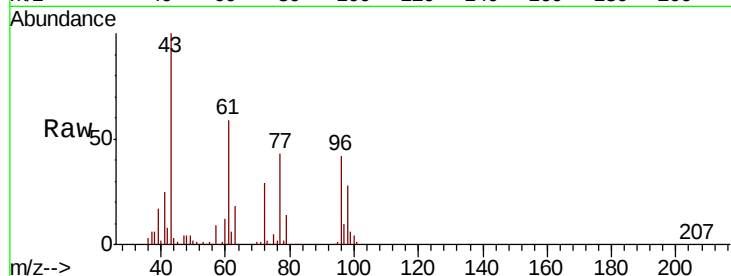
Tot Ion: 96 Resp: 184418

Ion Ratio Lower Upper

96 100

61 140.2 0.0 294.2

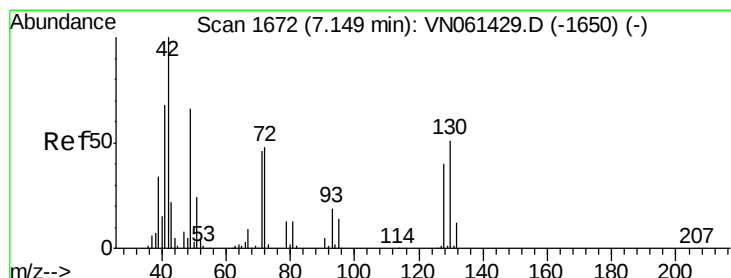
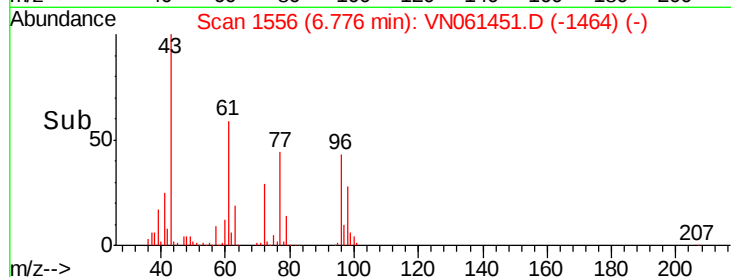
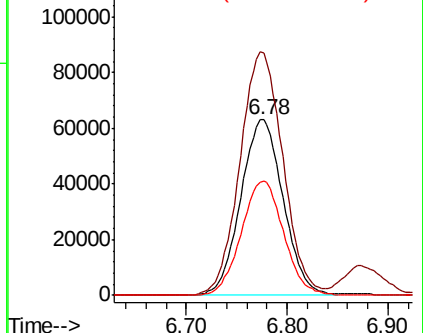
98 65.1 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061429.D (-1533) (-)

Ion 60.90 (60.60 to 61.60): VN061429.D (-1533) (-)

Ion 97.90 (97.60 to 98.60): VN061429.D (-1533) (-)



#28

Bromochloromethane

Concen: 60.817 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

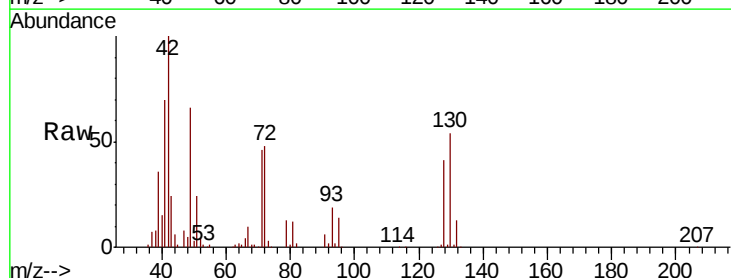
Tgt Ion: 49 Resp: 139148

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

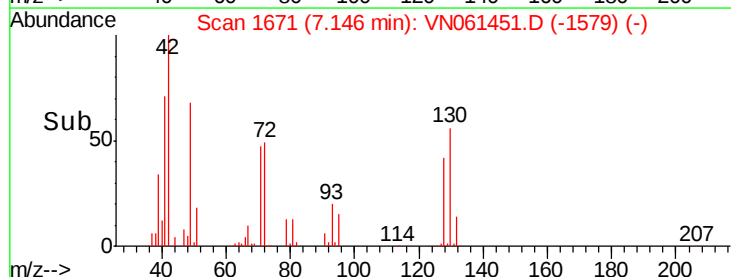
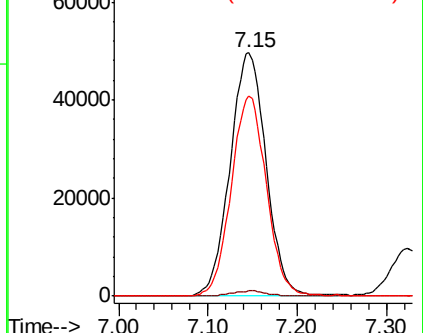
130 80.1 62.2 93.2

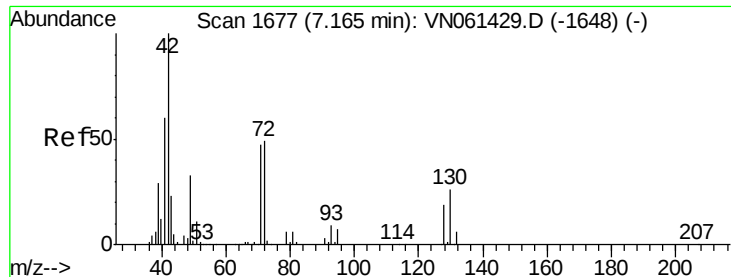


Abundance Ion 48.90 (48.60 to 49.60): VN061429.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN061429.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN061429.D (-1650) (-)





#29

Tetrahydrofuran

Concen: 262.813 ug/l

RT: 7.16 min Scan# 1675

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

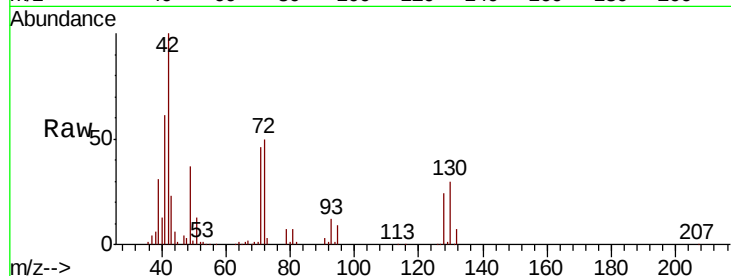
Tot Ion: 42 Resp: 291582

Ion Ratio Lower Upper

42 100

72 48.9 39.0 58.6

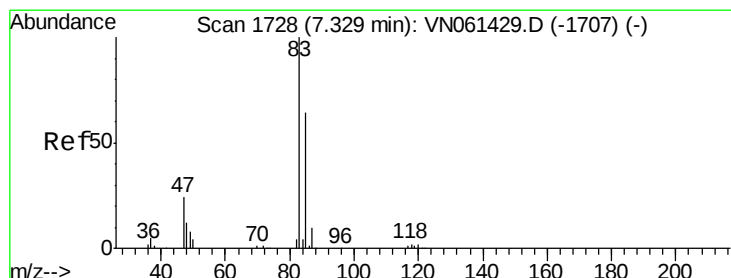
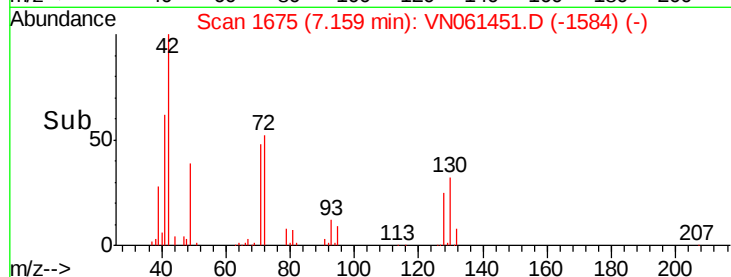
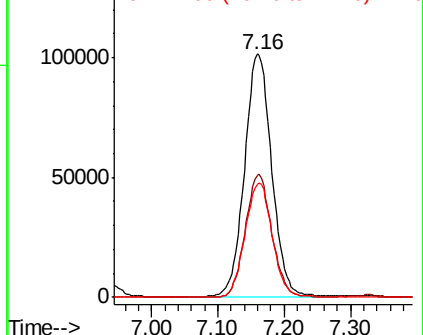
71 46.6 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 55.573 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.01 min

Lab File: VN061451.D

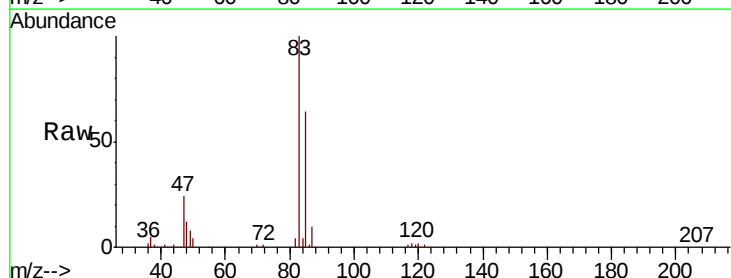
Acq: 19 May 2020 00:20

Tgt Ion: 83 Resp: 312872

Ion Ratio Lower Upper

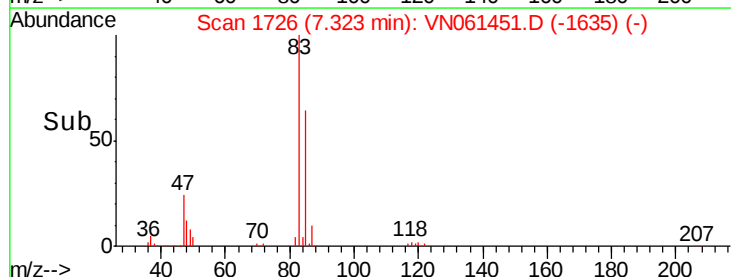
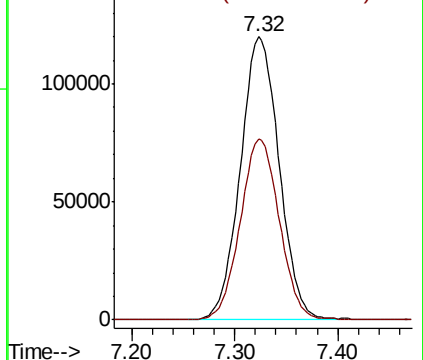
83 100

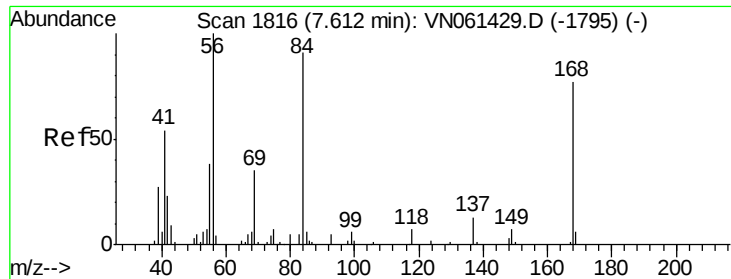
85 63.8 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.290 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

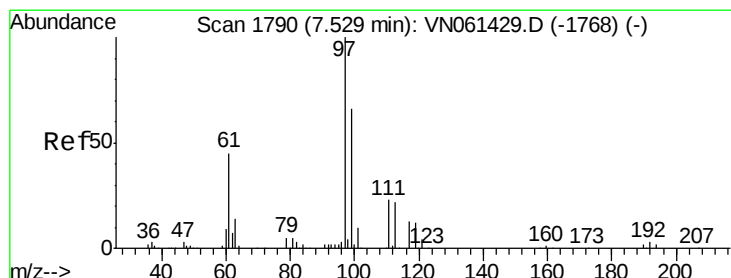
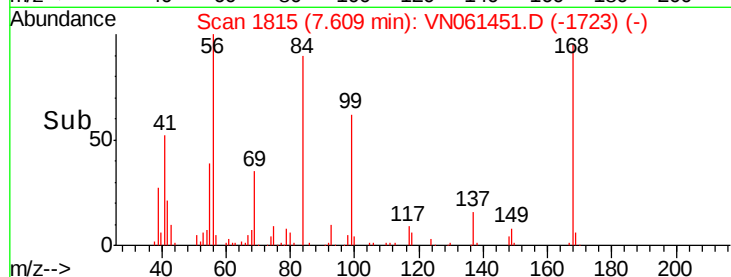
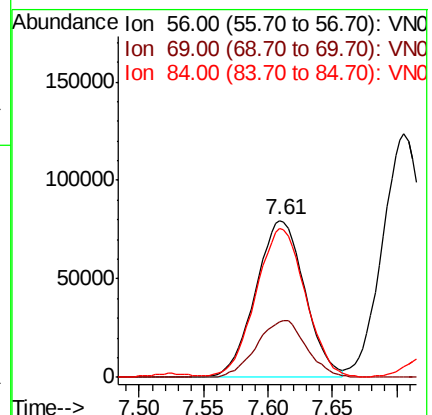
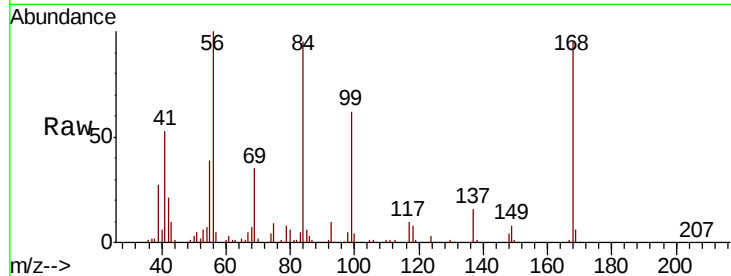
Tot Ion: 56 Resp: 211734

Ion Ratio Lower Upper

56 100

69 35.1 27.8 41.6

84 93.9 72.7 109.1



#32

1,1,1-Trichloroethane

Concen: 49.846 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

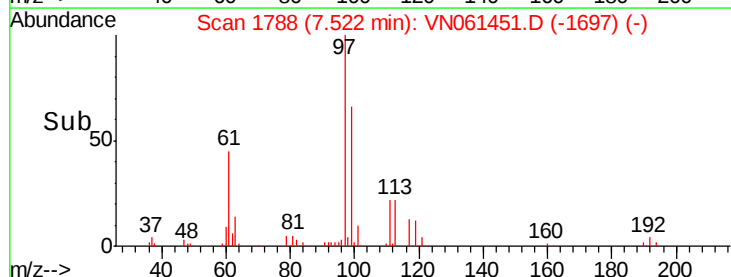
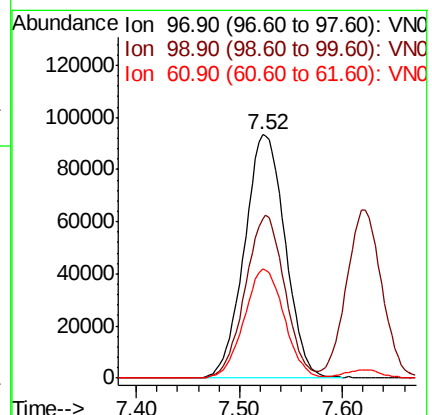
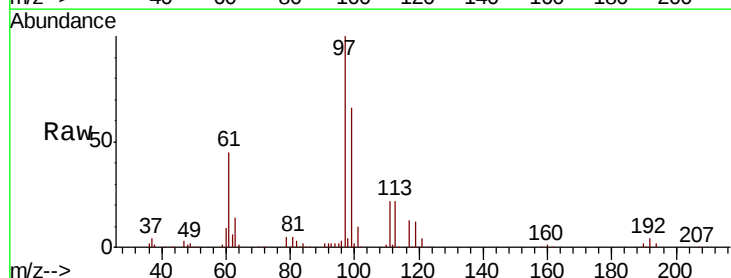
Tgt Ion: 97 Resp: 256436

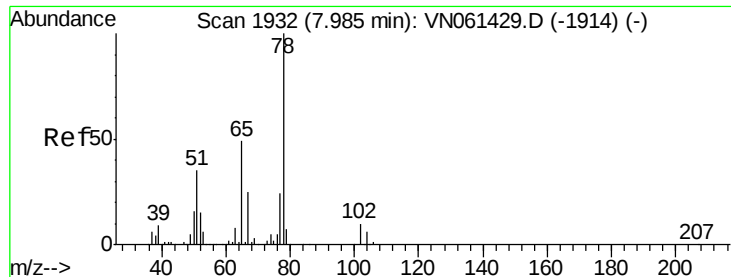
Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

61 44.0 35.8 53.6

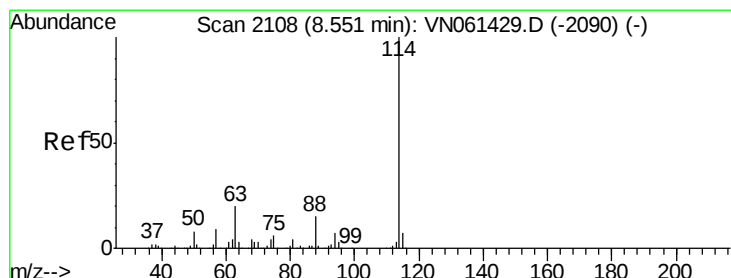
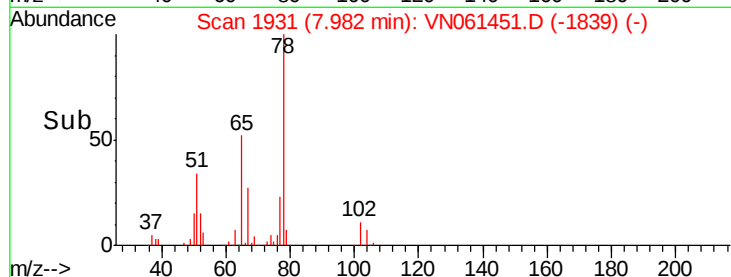
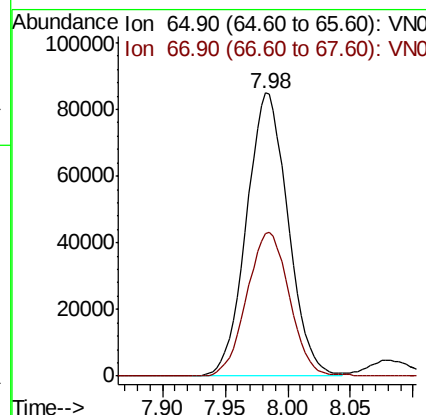
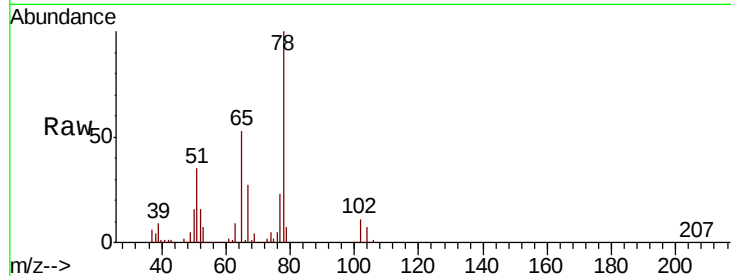




#33
 1,2-Dichloroethane-d4
 Concen: 53.308 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

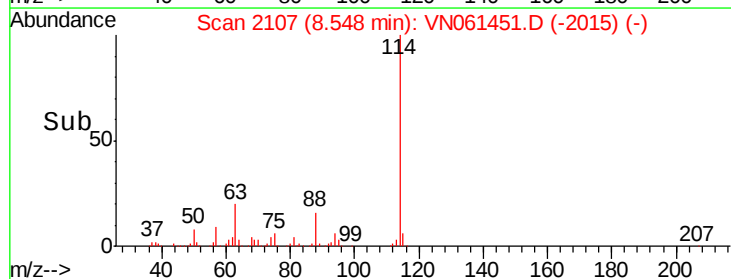
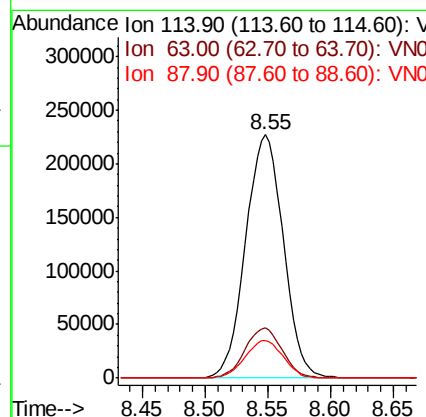
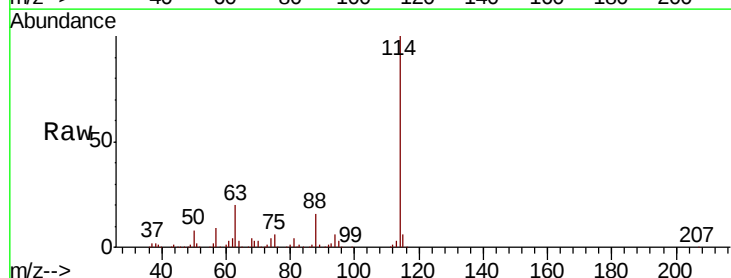
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

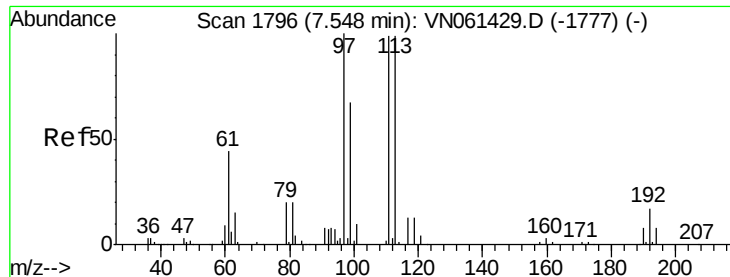
Tot Ion: 65 Resp: 196139
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 114 Resp: 475905
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 15.6 0.0 30.8

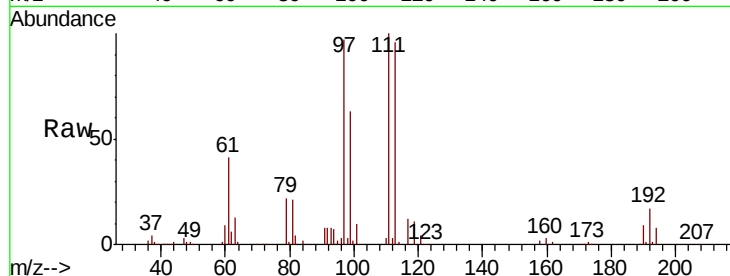




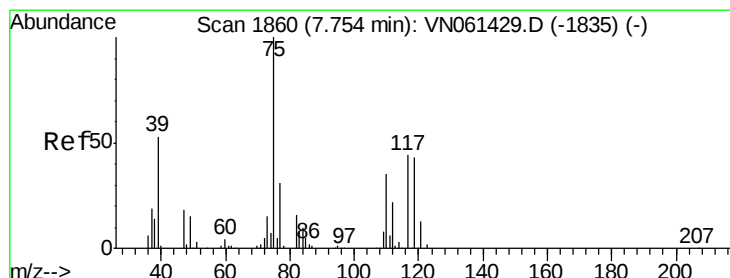
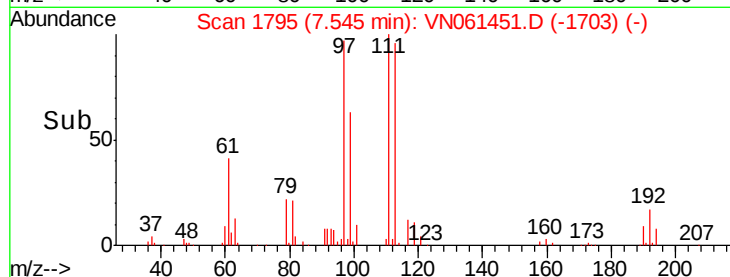
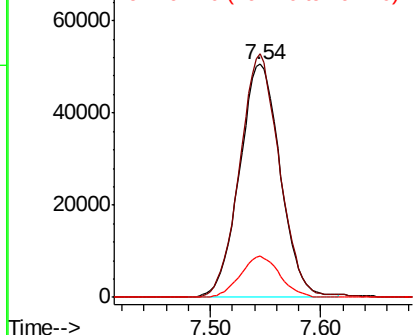
#35
 Dibromofluoromethane
 Concen: 51.890 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 129370
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.6 121.0
 192 17.0 13.2 19.8

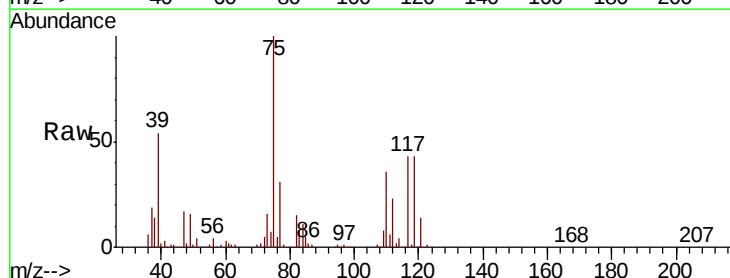


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

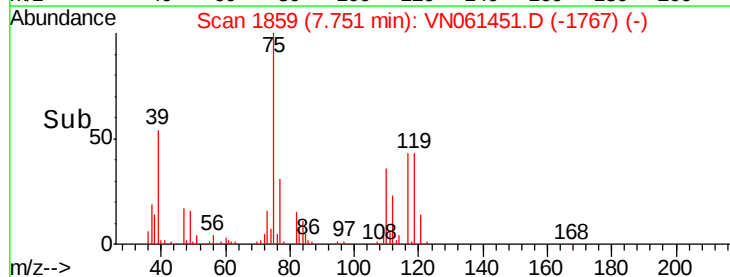
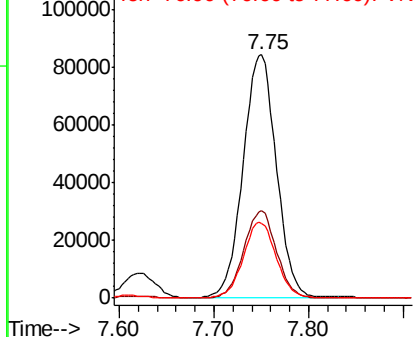


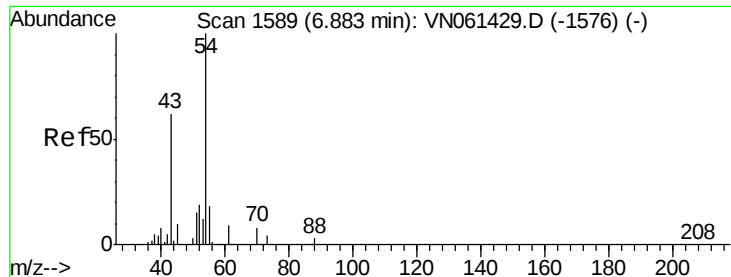
#36
 1,1-Dichloropropene
 Concen: 46.099 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 75 Resp: 205140
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.3 51.9
 77 31.2 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

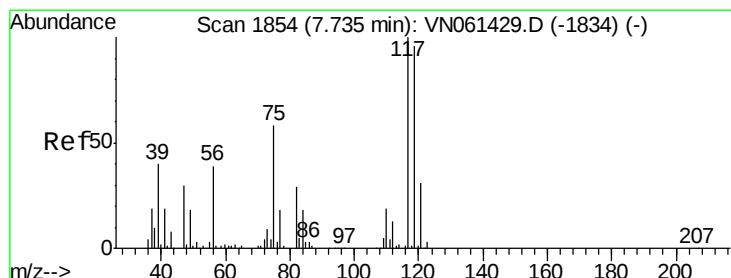
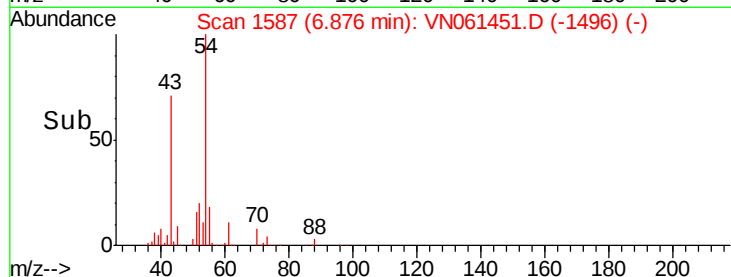
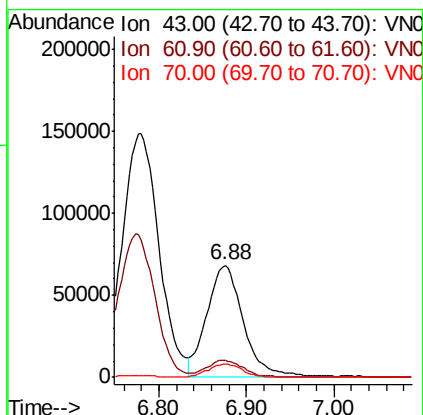
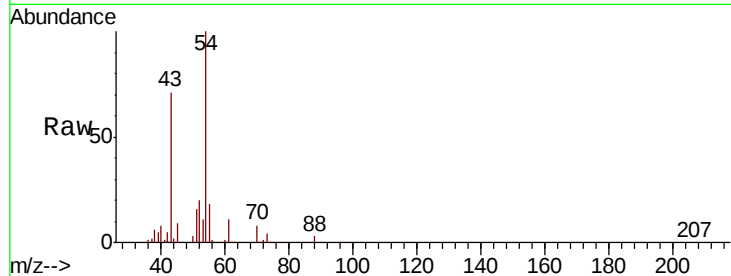




#37
Ethyl Acetate
Concen: 48.377 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

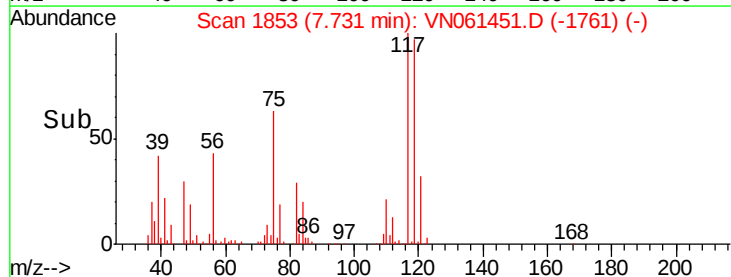
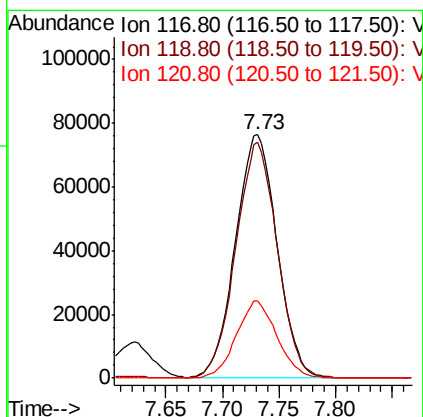
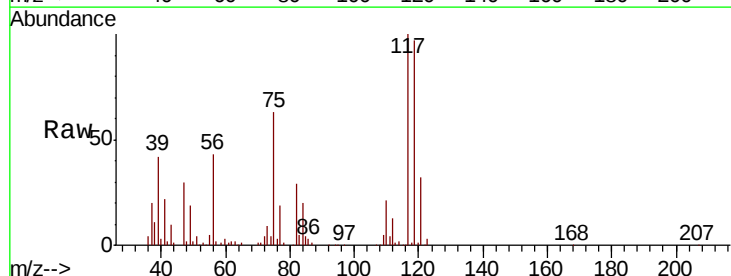
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

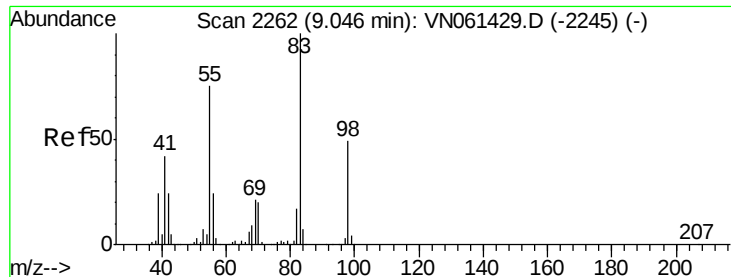
Tot Ion: 43 Resp: 195228
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 11.3 9.2 13.8



#38
Carbon Tetrachloride
Concen: 47.505 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 117 Resp: 194653
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.6
121 31.6 24.7 37.1

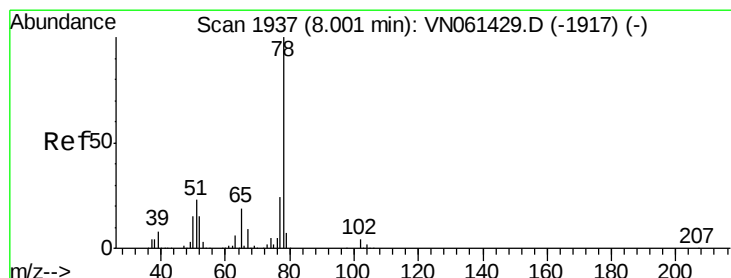
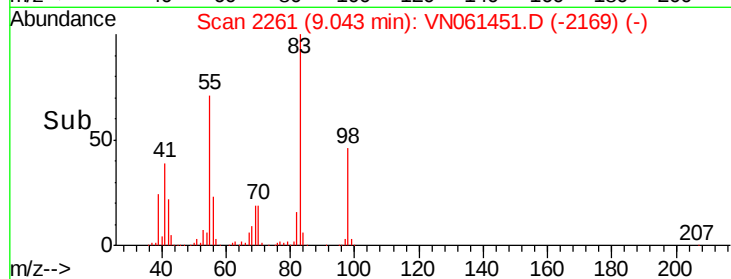
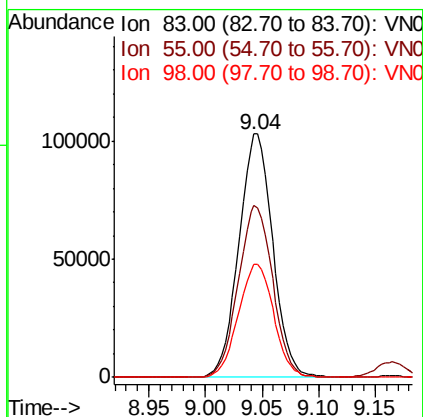
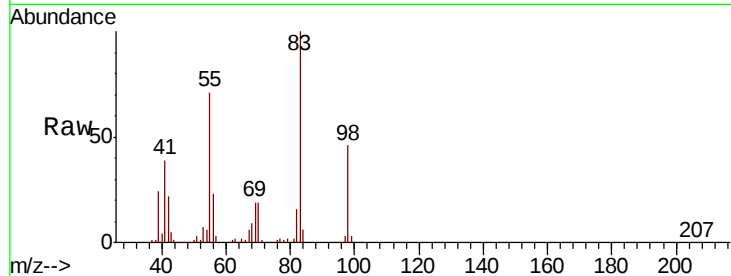




#39
Methvlcvclohexane
Concen: 39.641 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

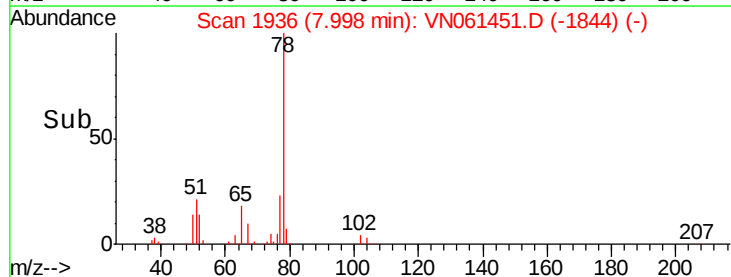
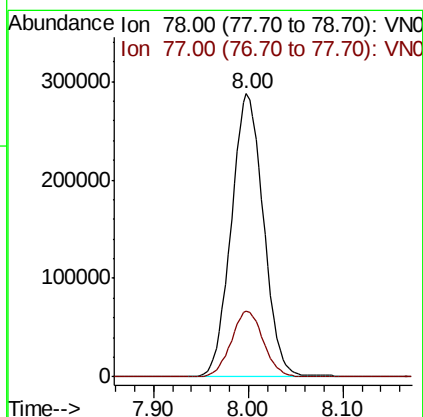
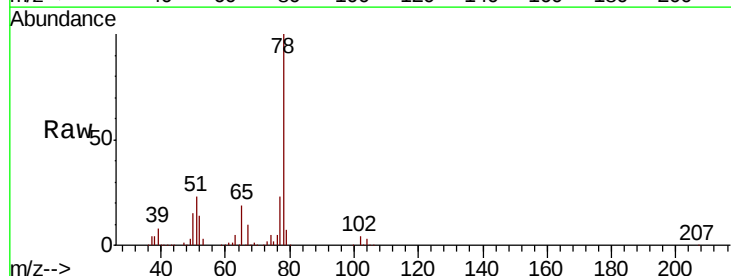
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

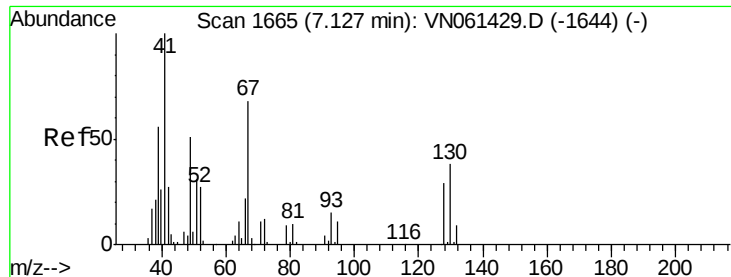
Tot Ion: 83 Resp: 215456
Ion Ratio Lower Upper
83 100
55 70.8 59.7 89.5
98 46.4 38.9 58.3



#40
Benzene
Concen: 50.774 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 78 Resp: 680899
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

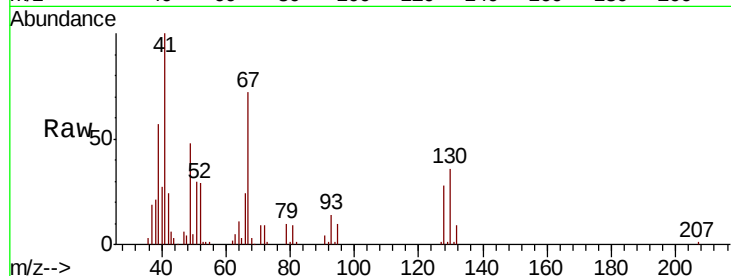




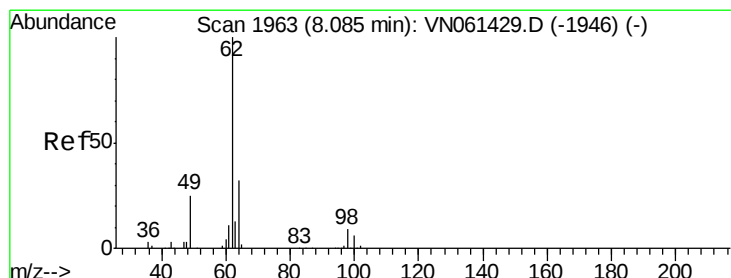
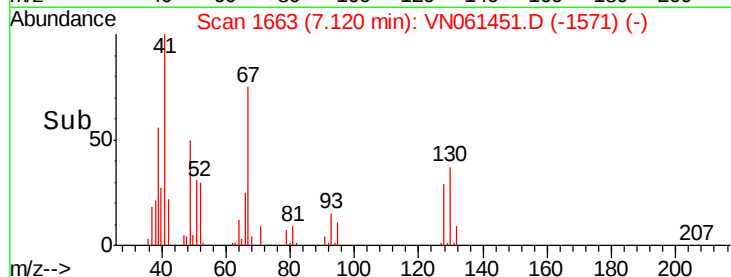
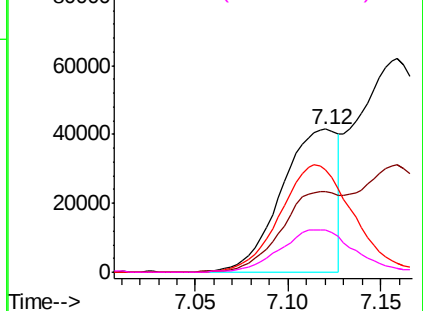
#41
Methacrylonitrile
Concen: 51.430 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	87662
Ion	Ratio	Lower	Upper
41	100		
39	60.7	48.3	72.5
67	98.1	74.2	111.4
52	39.6	30.8	46.2

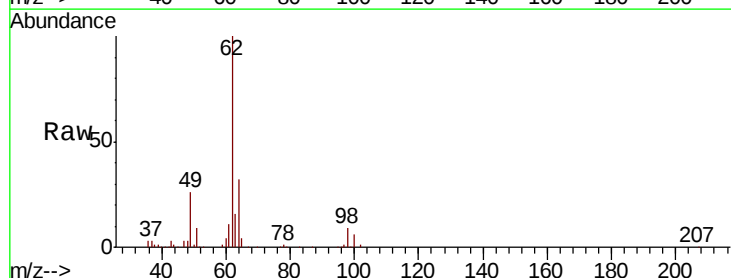


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

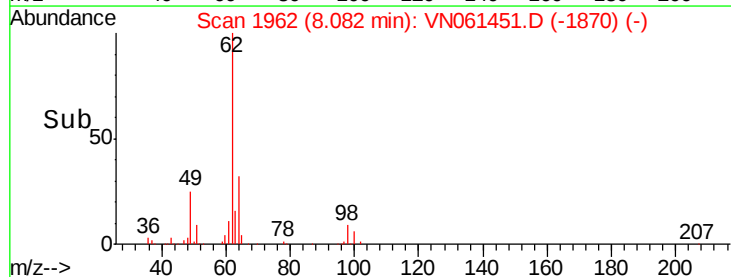
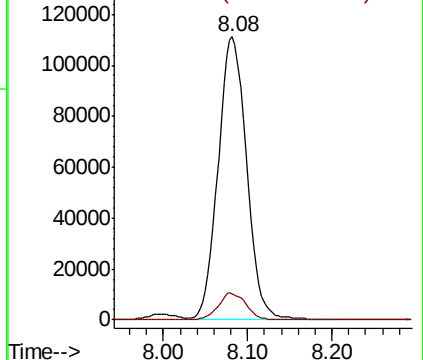


#42
1,2-Dichloroethane
Concen: 54.026 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion:	62	Resp:	261026
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 51.300 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

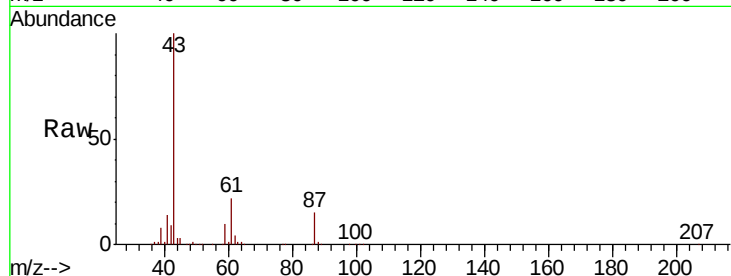
Tot Ion: 43 Resp: 361082

Ion Ratio Lower Upper

43 100

61 28.2 23.0 34.4

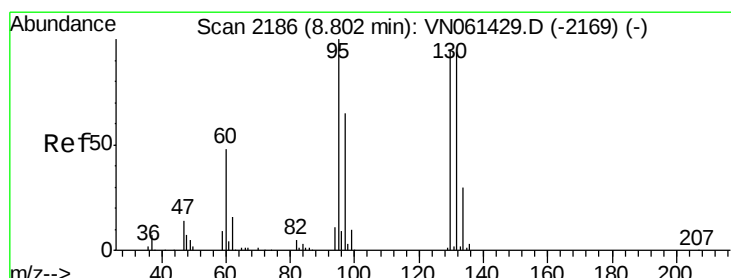
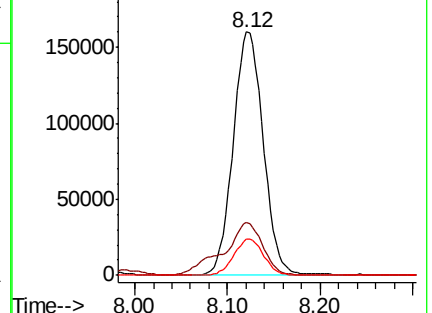
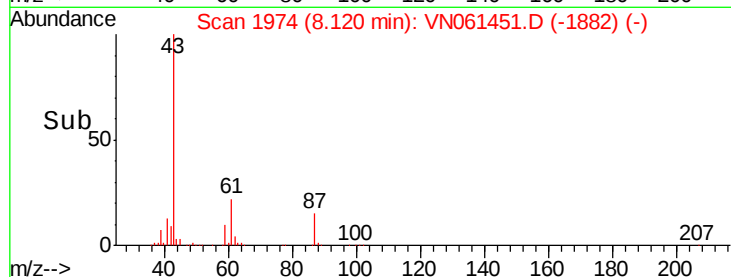
87 14.7 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)



#44

Trichloroethene

Concen: 50.422 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061451.D

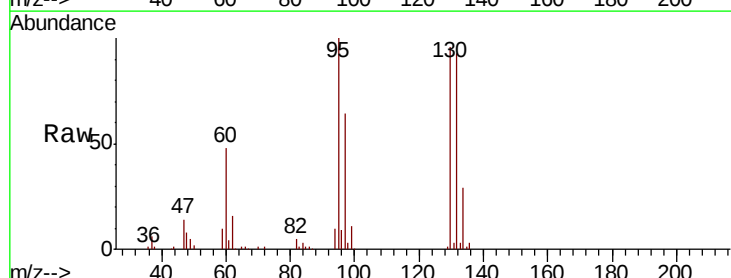
Acq: 19 May 2020 00:20

Tgt Ion:130 Resp: 177174

Ion Ratio Lower Upper

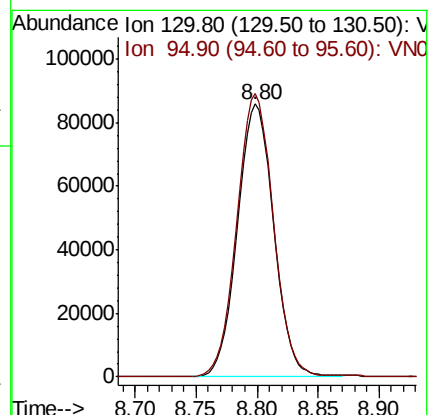
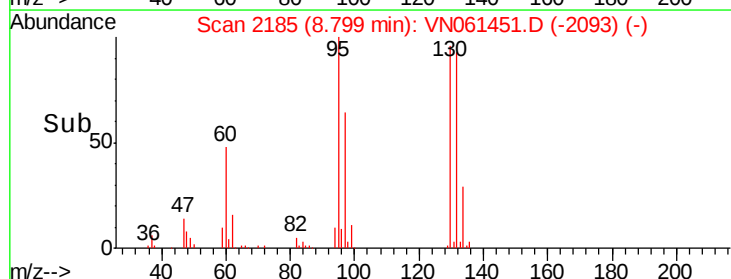
130 100

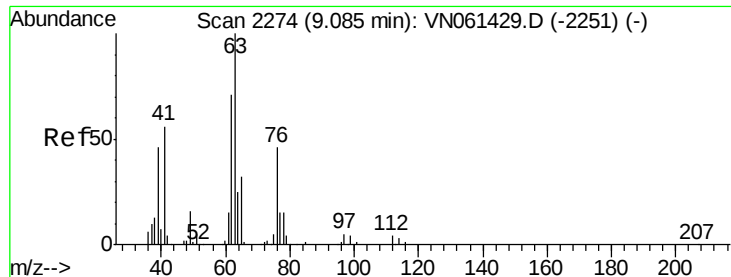
95 103.7 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 53.103 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

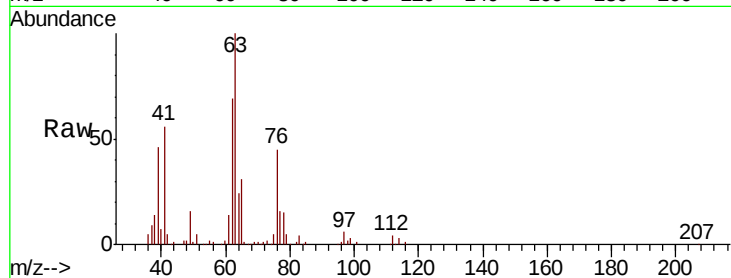
VSTDCCC050

Tot Ion: 63 Resp: 178247

Ion Ratio Lower Upper

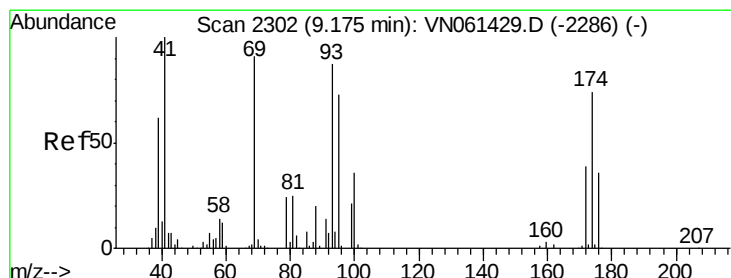
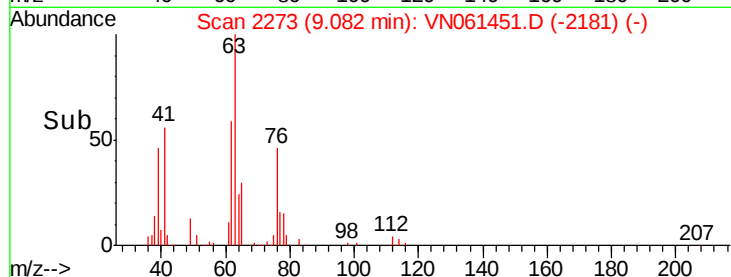
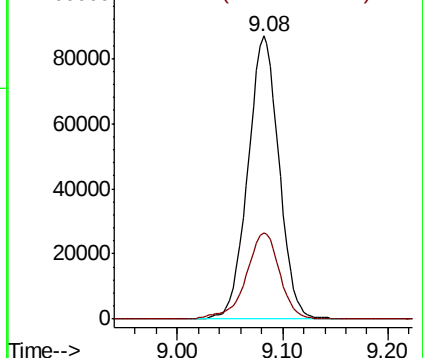
63 100

65 30.7 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN061429.D (-2251) (-)

Ion 64.90 (64.60 to 65.60): VN061429.D (-2251) (-)



#46

Dibromomethane

Concen: 54.154 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

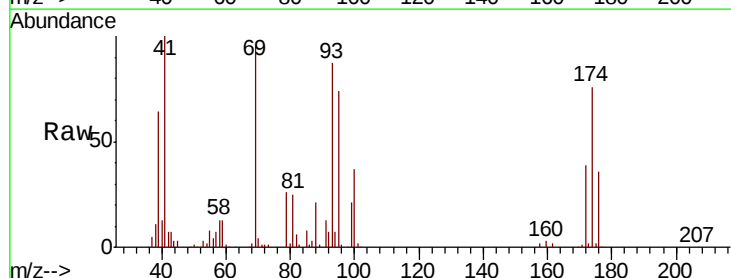
Tgt Ion: 93 Resp: 127428

Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

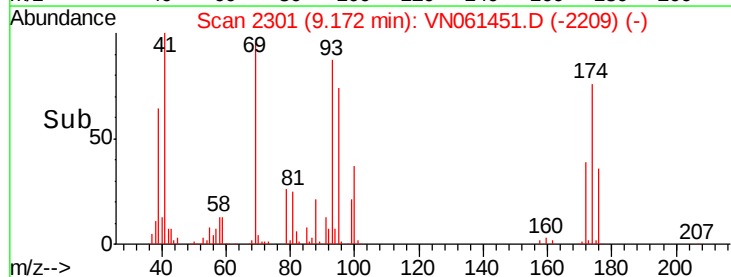
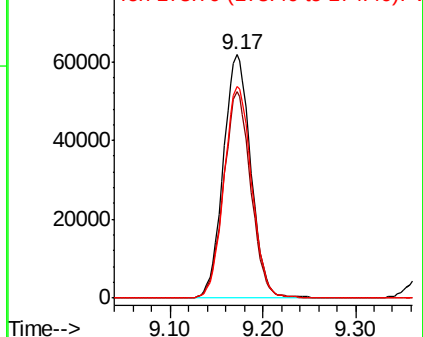
174 87.3 68.0 102.0

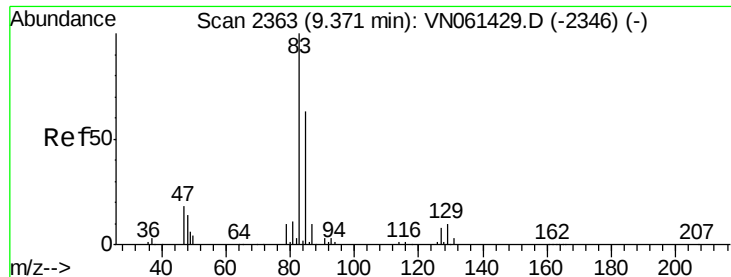


Abundance Ion 92.80 (92.50 to 93.50): VN061429.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN061429.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN061429.D (-2286) (-)





#47

Bromodichloromethane

Concen: 53.268 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

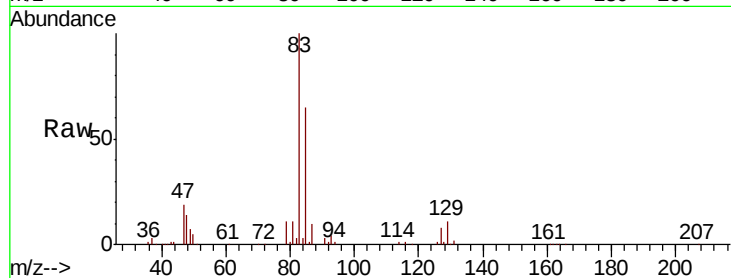
Tot Ion: 83 Resp: 264092

Ion Ratio Lower Upper

83 100

85 65.1 50.6 76.0

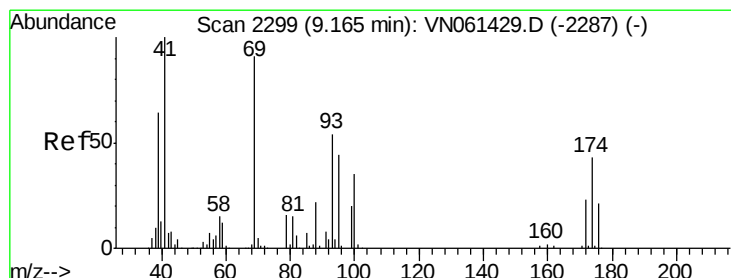
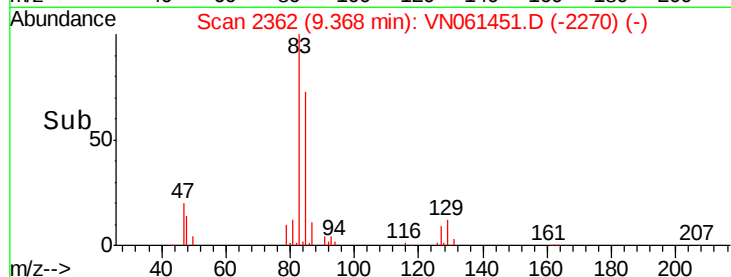
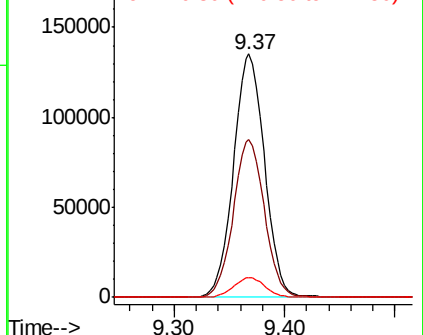
127 8.2 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061429.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN061429.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061429.D (-2346) (-)



#48

Methyl methacrylate

Concen: 51.084 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

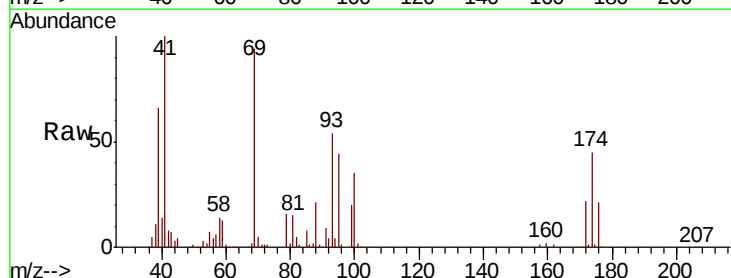
Tgt Ion: 41 Resp: 166100

Ion Ratio Lower Upper

41 100

69 94.9 75.3 112.9

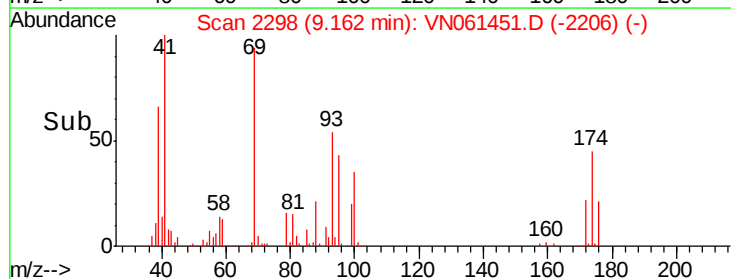
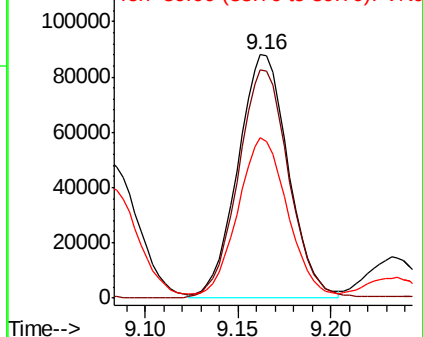
39 65.6 52.6 79.0

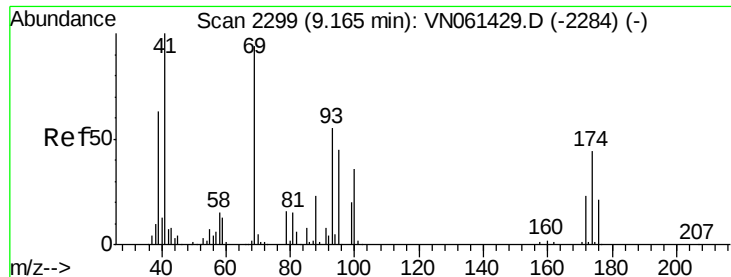


Abundance Ion 41.00 (40.70 to 41.70): VN061429.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061429.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061429.D (-2287) (-)

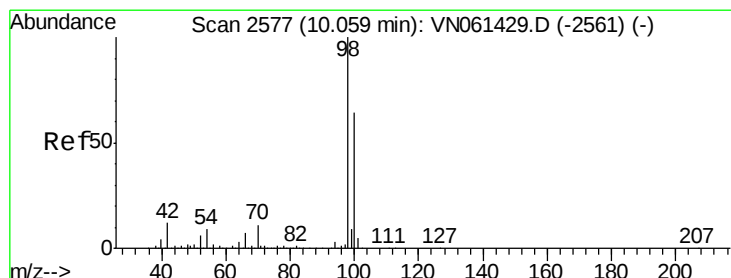
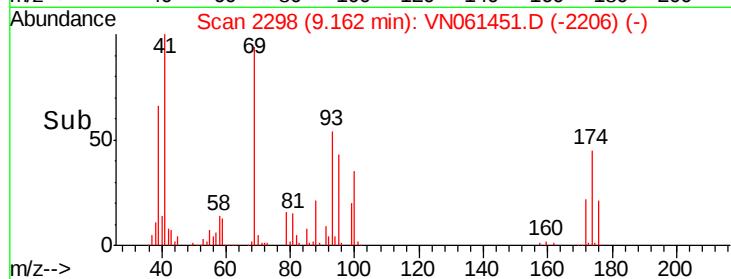
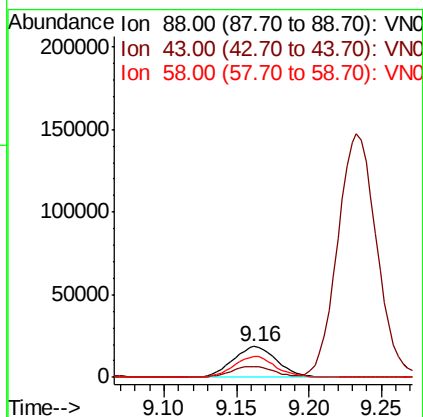
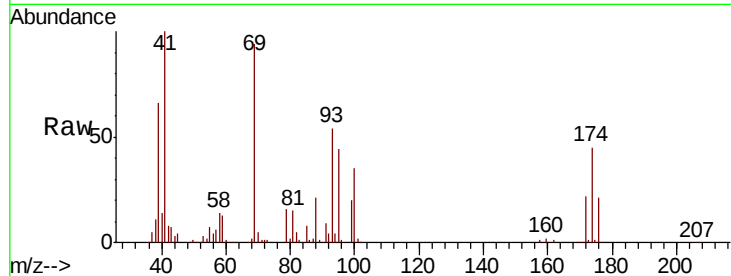




#49
1,4-Dioxane
Concen: 1156.624 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

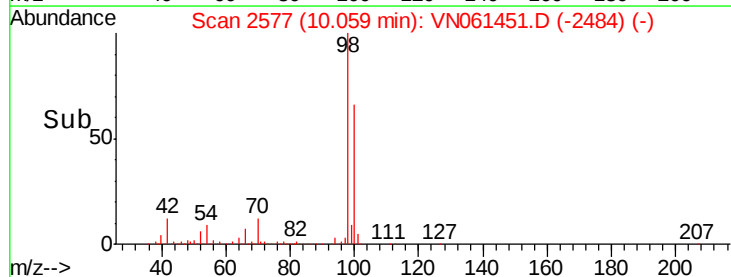
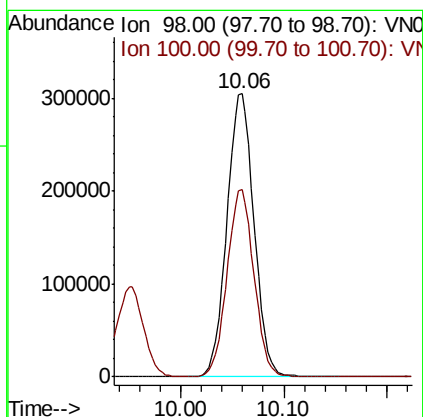
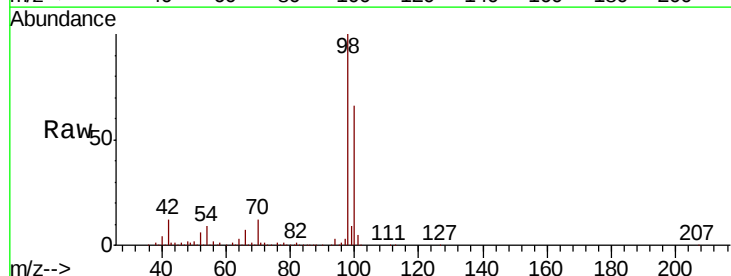
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 39354
Ion Ratio Lower Upper
88 100
43 34.5 26.3 39.5
58 63.8 54.1 81.1



#50
Toluene-d8
Concen: 48.319 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 98 Resp: 558749
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 262.401 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

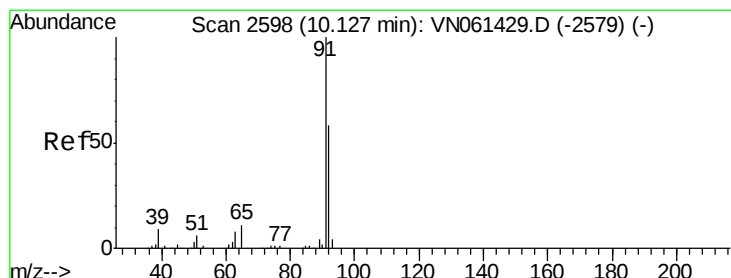
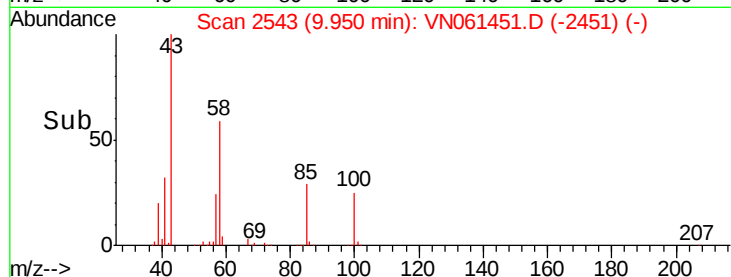
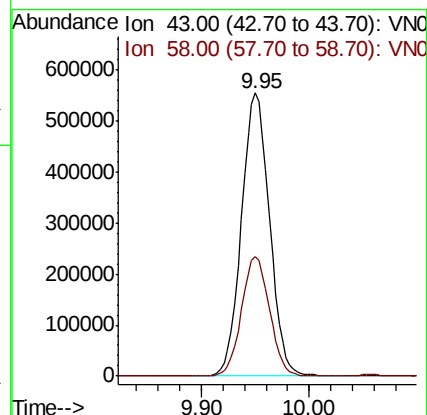
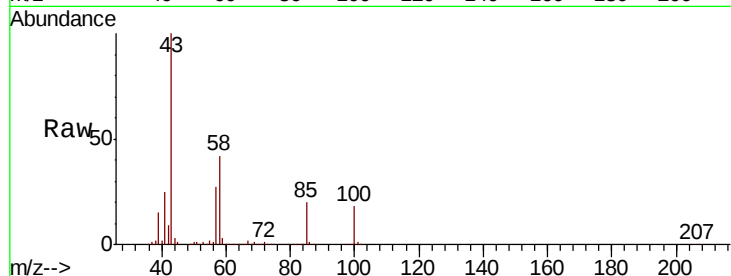
VSTDCCC050

Tot Ion: 43 Resp: 1006124

Ion Ratio Lower Upper

43 100

58 42.2 33.4 50.2



#52

Toluene

Concen: 51.036 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061451.D

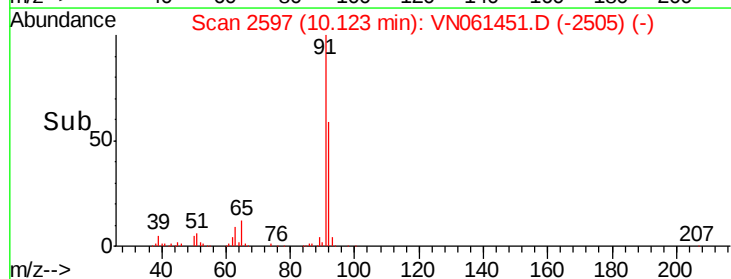
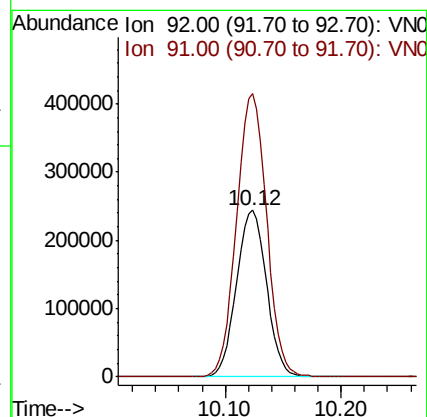
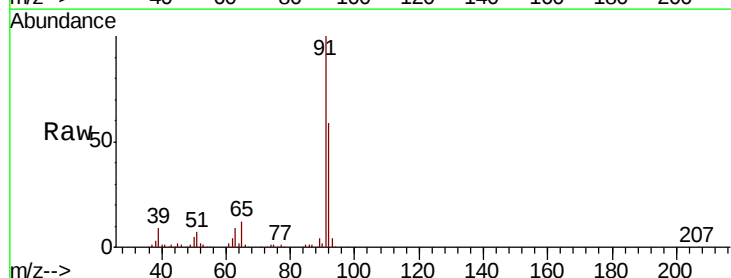
Acq: 19 May 2020 00:20

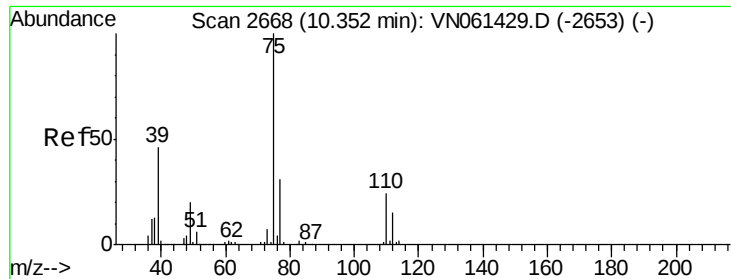
Tgt Ion: 92 Resp: 439397

Ion Ratio Lower Upper

92 100

91 169.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 53.225 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

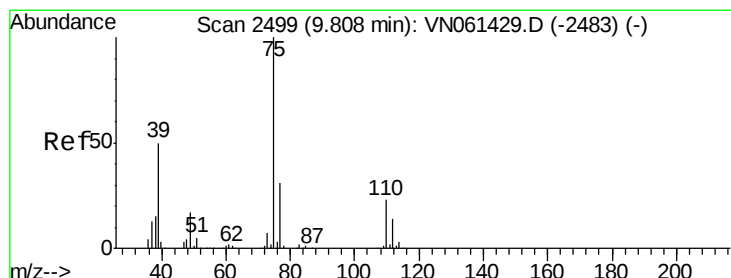
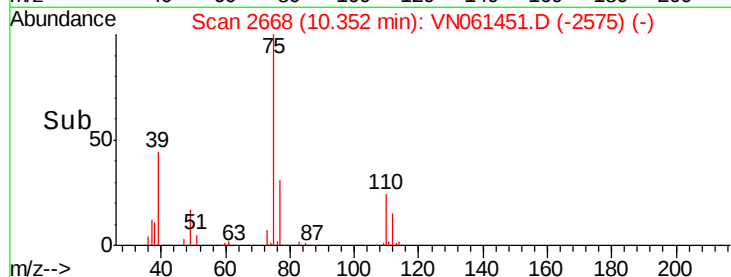
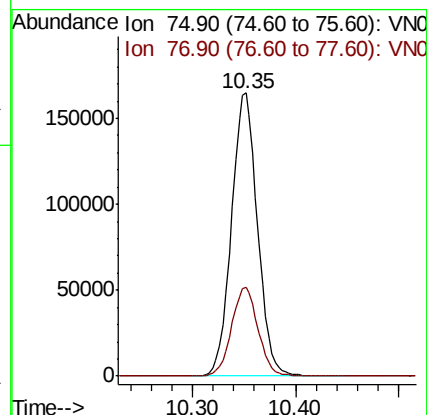
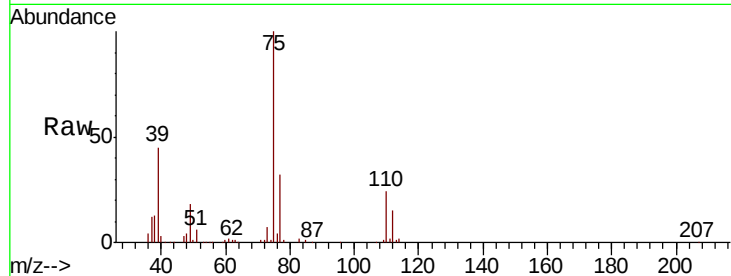
VSTDCCC050

Tot Ion: 75 Resp: 289223

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 52.682 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

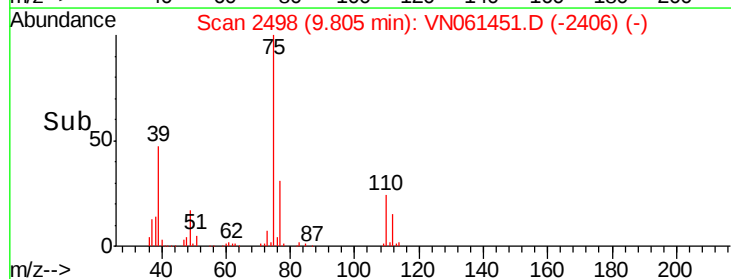
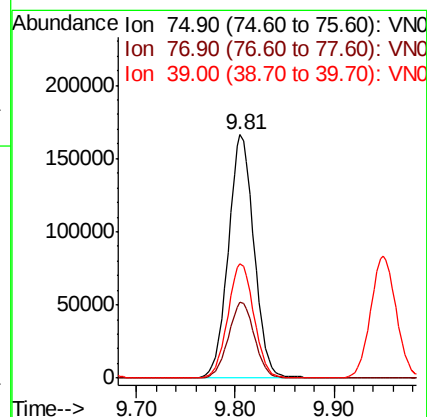
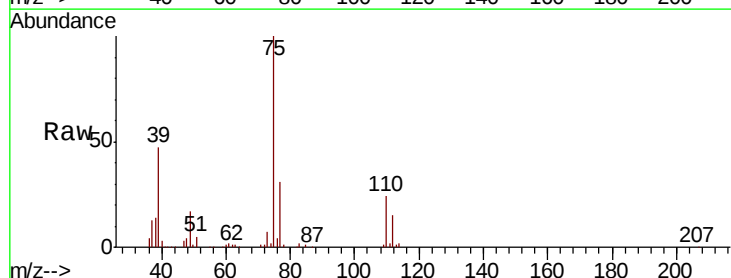
Tgt Ion: 75 Resp: 304314

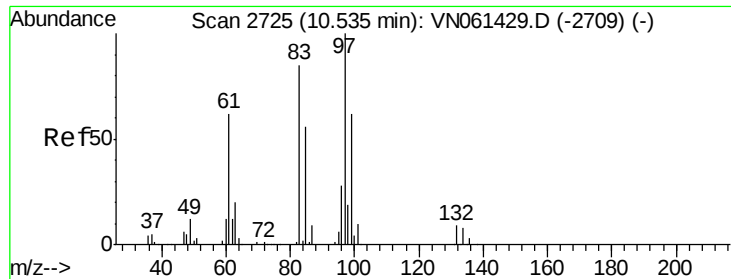
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 47.0 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 56.601 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 184234

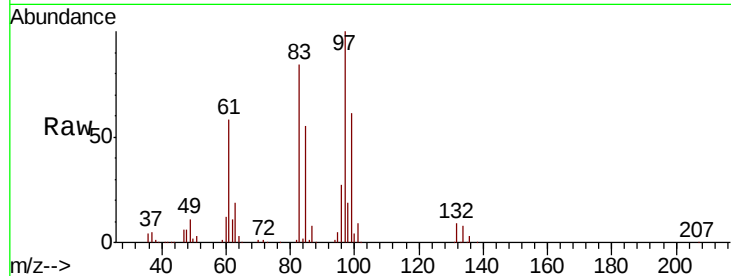
Ion Ratio Lower Upper

97 100

83 84.1 68.2 102.4

85 54.7 44.6 67.0

99 61.2 49.5 74.3

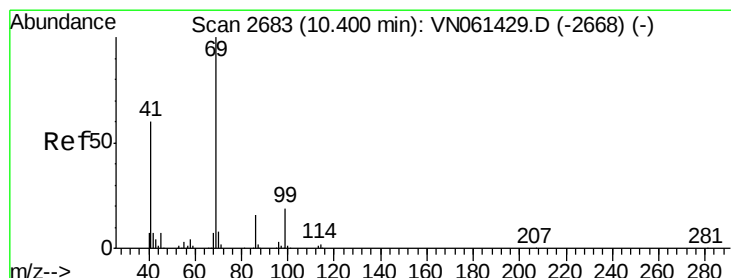
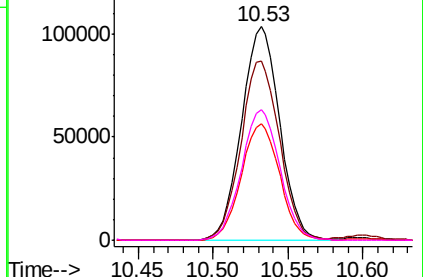
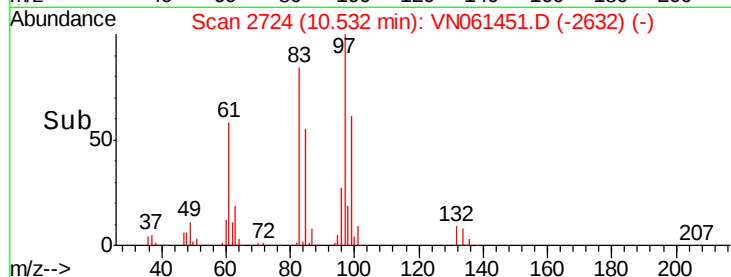


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 54.737 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

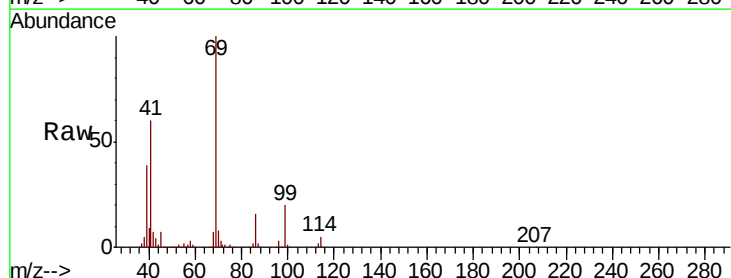
Tgt Ion: 69 Resp: 278547

Ion Ratio Lower Upper

69 100

41 60.0 48.3 72.5

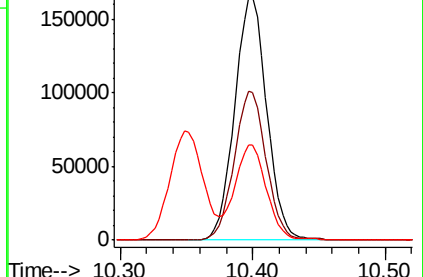
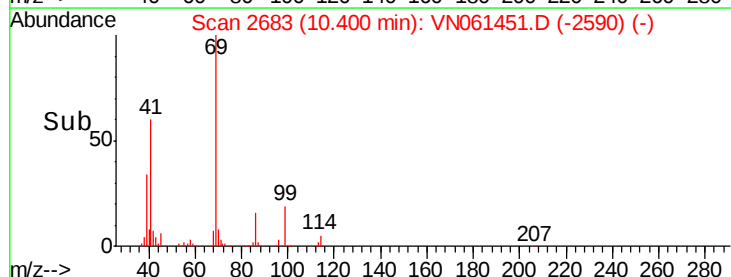
39 38.5 30.2 45.2

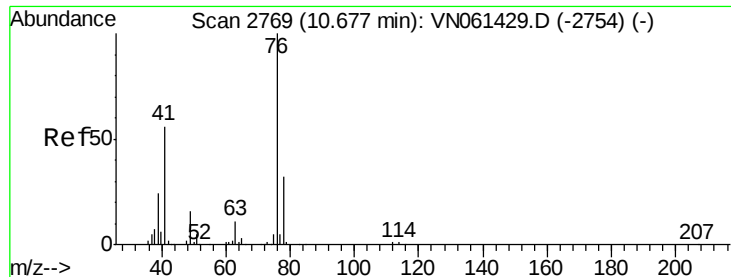


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 55.192 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

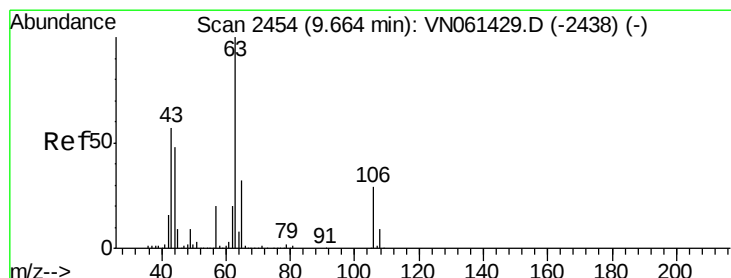
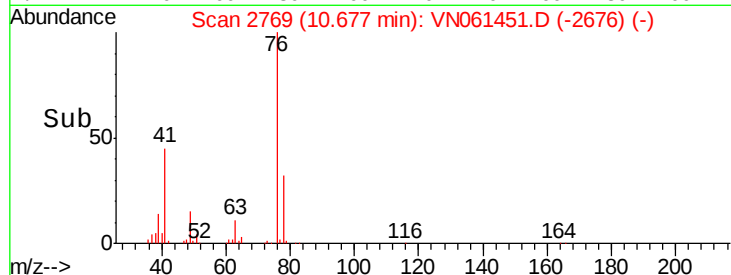
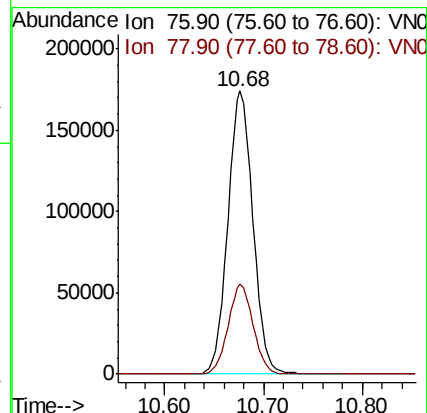
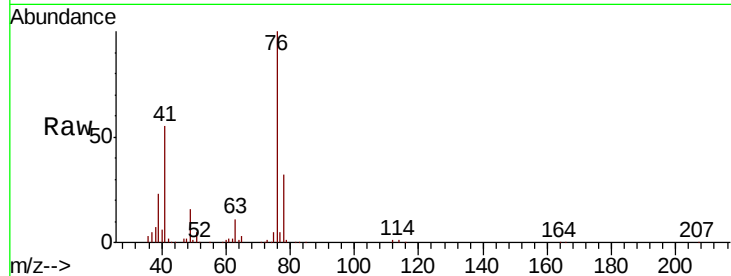
VSTDCCC050

Tot Ion: 76 Resp: 310468

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 262.212 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN061451.D

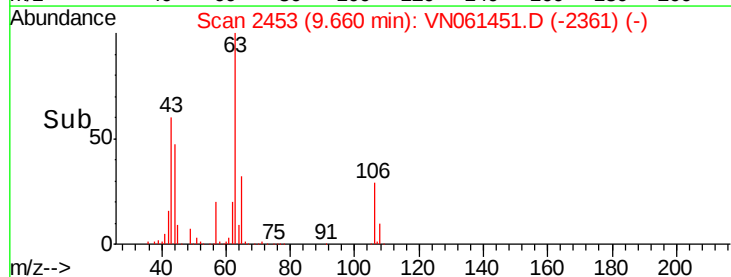
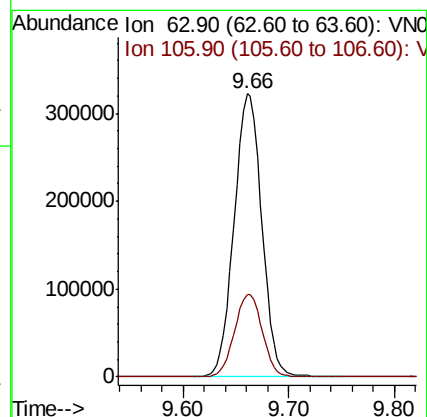
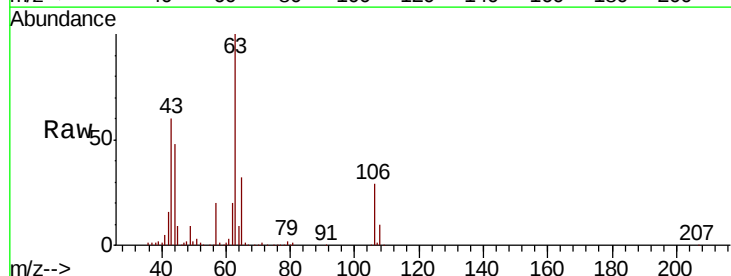
Acq: 19 May 2020 00:20

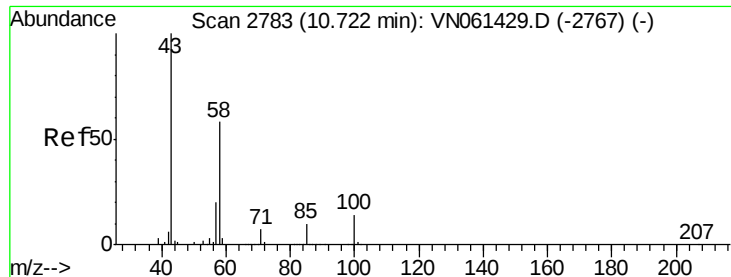
Tgt Ion: 63 Resp: 585695

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1

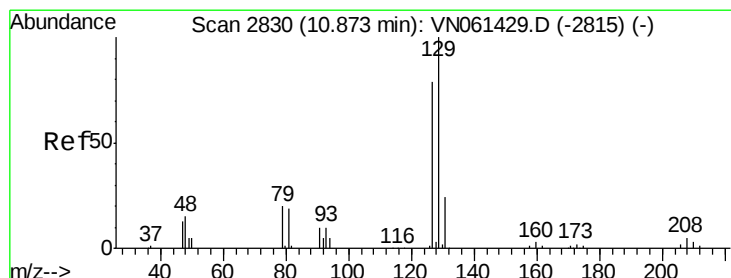
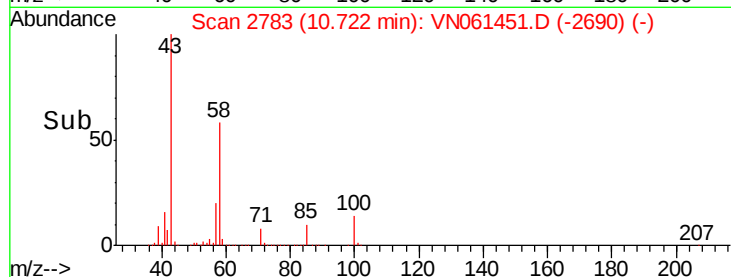
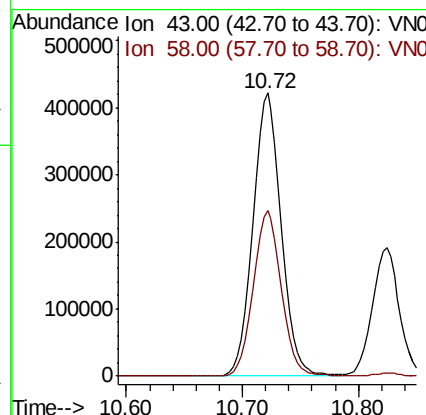
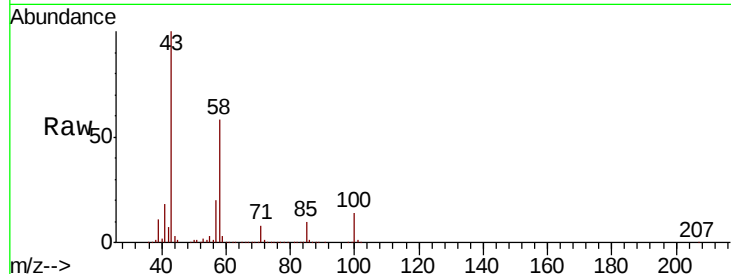




#59
2-Hexanone
Concen: 258.097 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

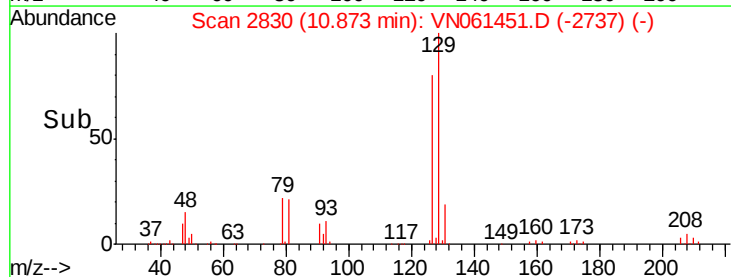
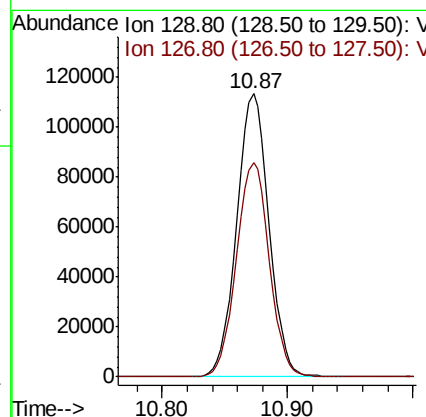
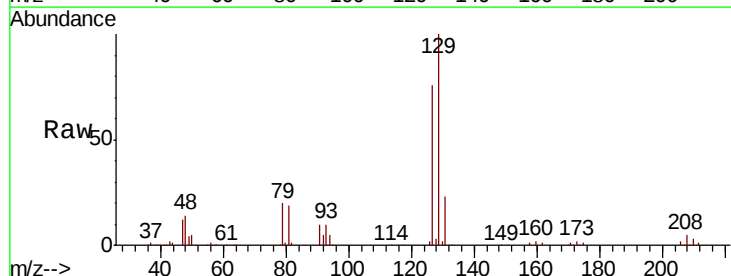
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

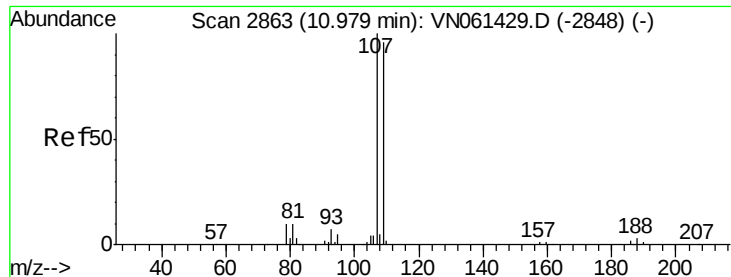
Tot Ion: 43 Resp: 715977
Ion Ratio Lower Upper
43 100
58 58.1 29.2 87.6



#60
Dibromochloromethane
Concen: 56.361 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion: 129 Resp: 202931
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

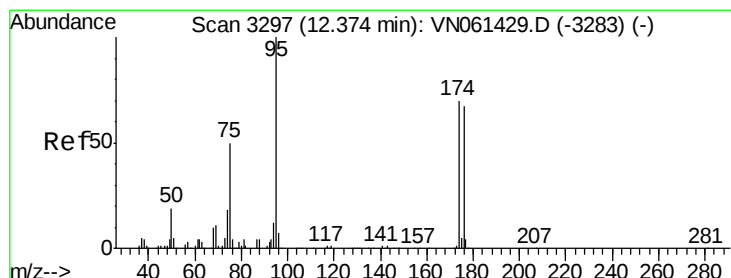
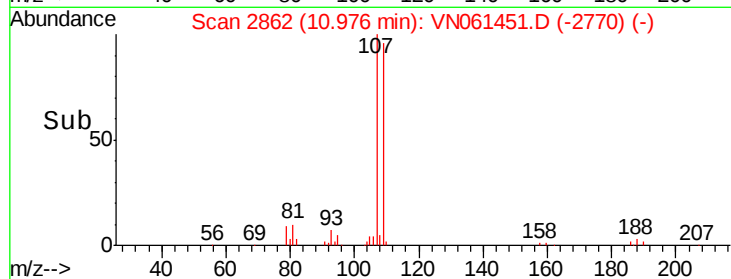
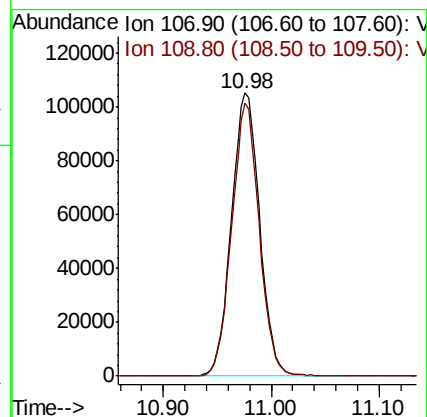
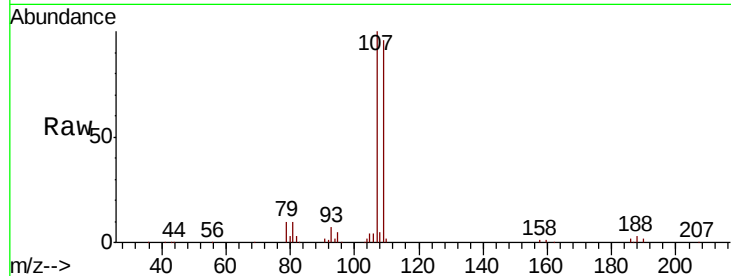




#61
 1,2-Dibromoethane
 Concen: 56.086 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

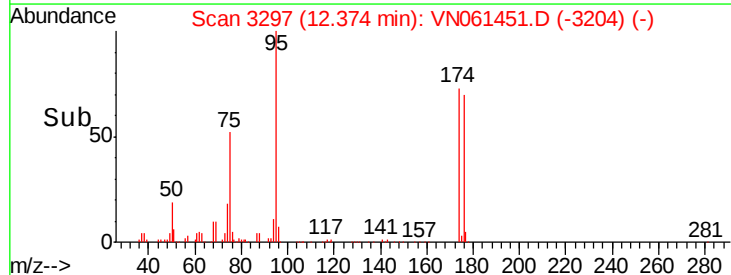
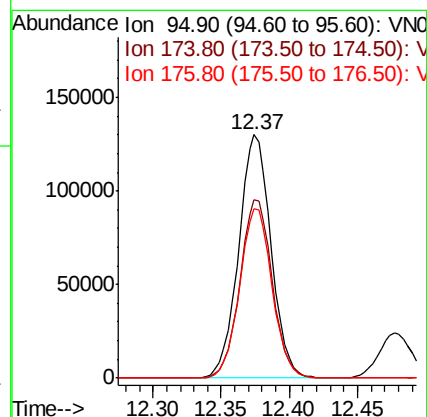
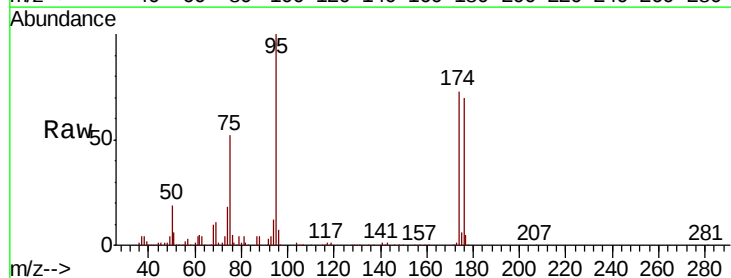
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

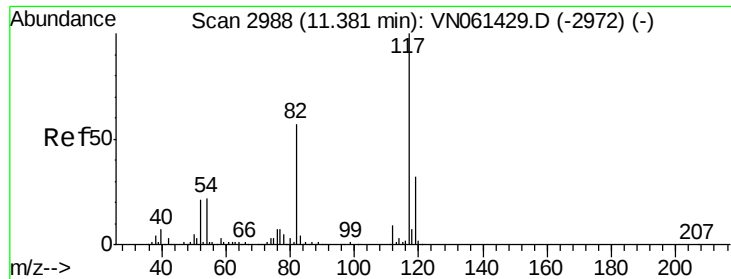
Tot Ion:107 Resp: 191950
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.425 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 95 Resp: 213532
 Ion Ratio Lower Upper
 95 100
 174 73.3 0.0 141.2
 176 70.1 0.0 137.6

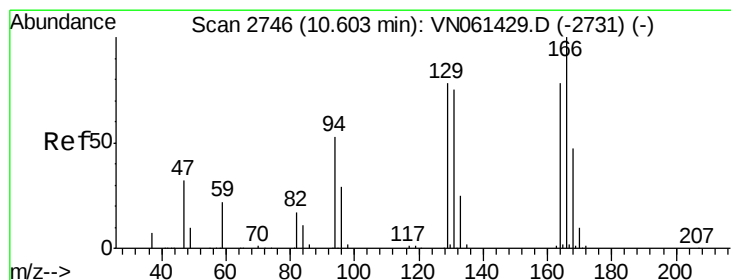
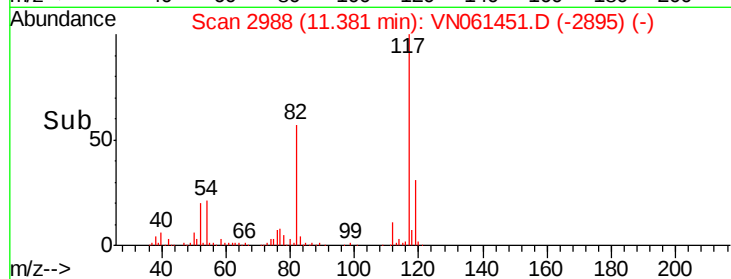
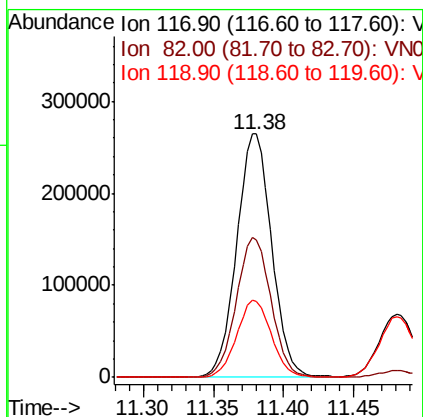
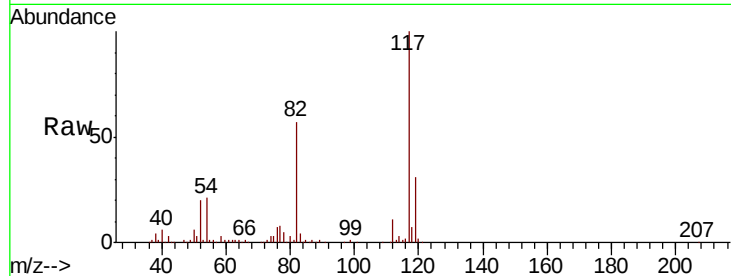




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

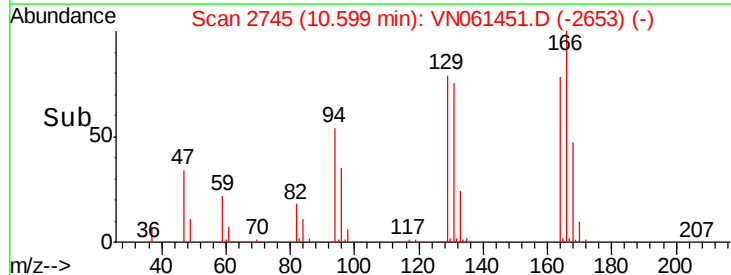
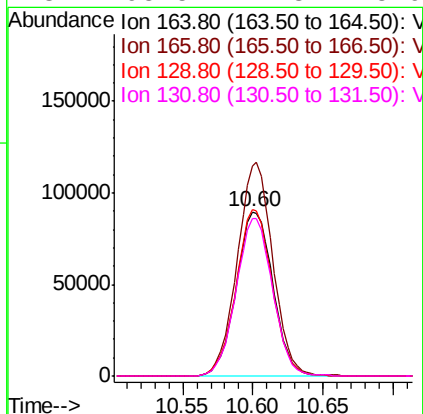
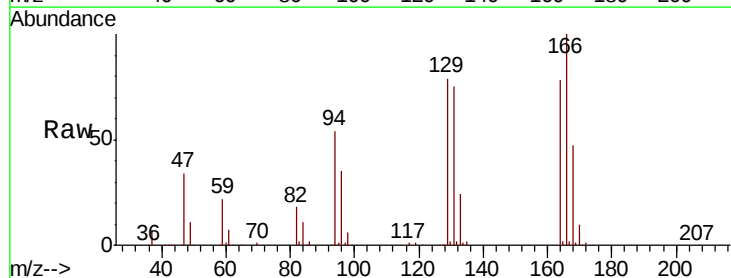
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

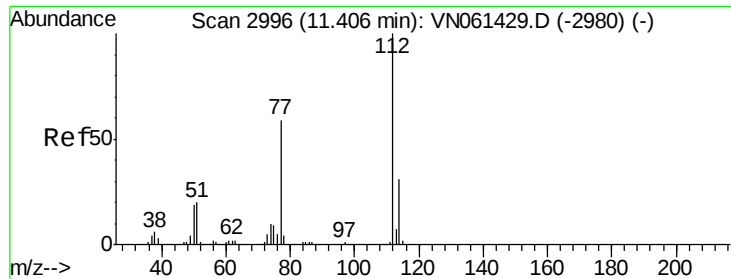
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.2	67.8
119	31.3	25.3	37.9



#64
Tetrachloroethene
Concen: 45.817 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.2	154.8
129	101.0	81.0	121.4
131	95.5	77.3	115.9





#65

Chlorobenzene

Concen: 49.909 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

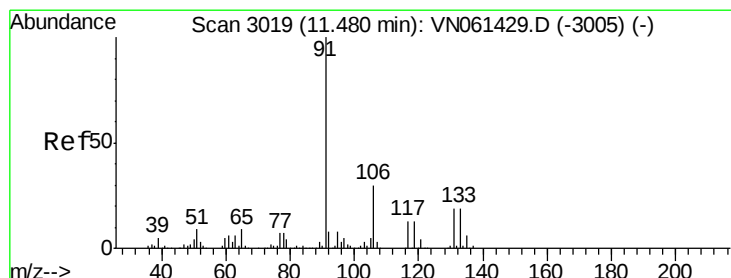
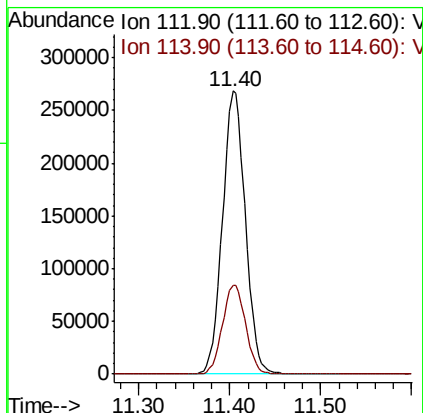
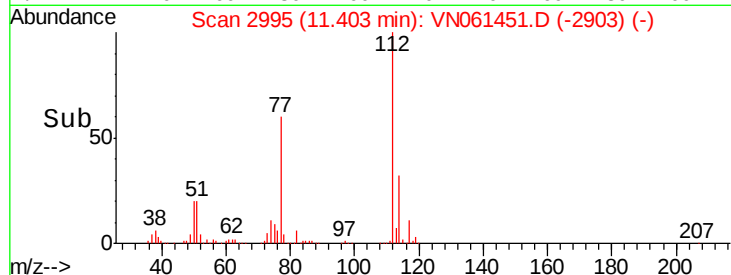
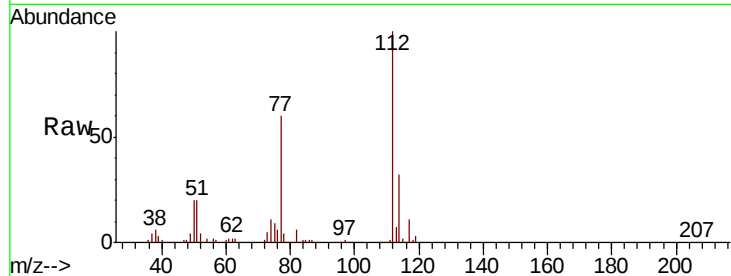
VSTDCCC050

Tot Ion:112 Resp: 468288

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.309 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

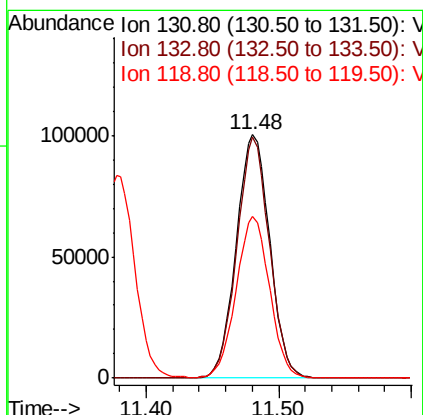
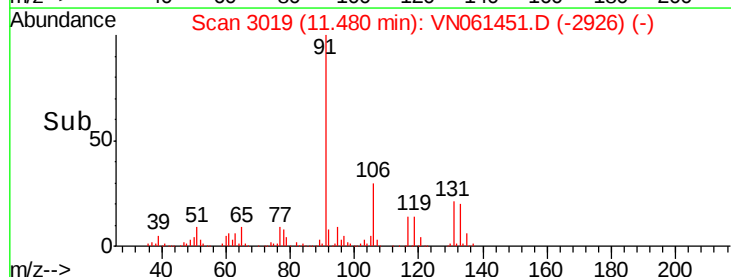
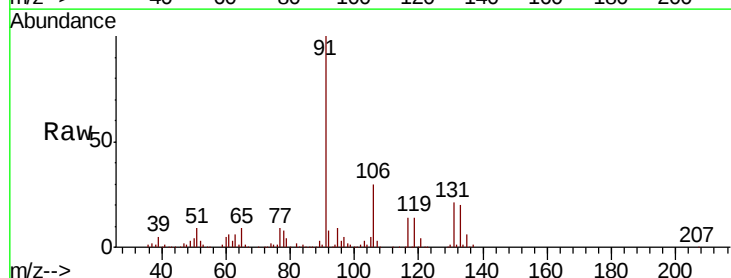
Tgt Ion:131 Resp: 175956

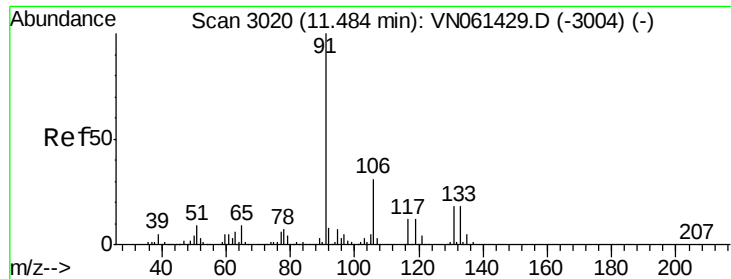
Ion Ratio Lower Upper

131 100

133 96.2 48.7 146.1

119 65.8 33.8 101.3





#67

Ethyl Benzene

Concen: 48.573 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

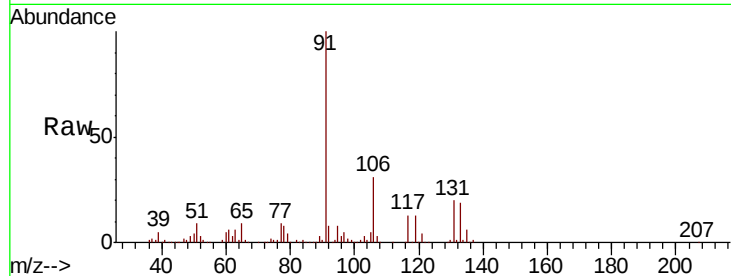
VSTDCCC050

Tot Ion: 91 Resp: 831932

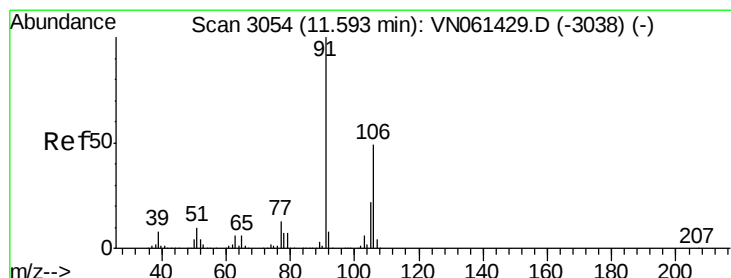
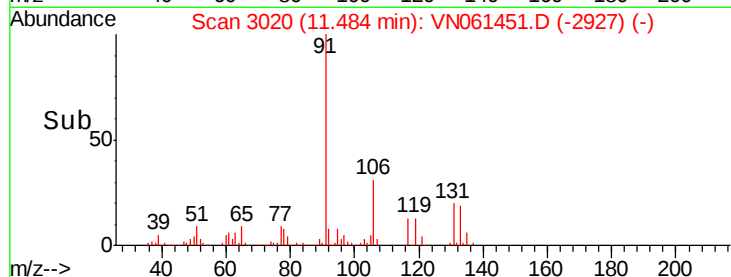
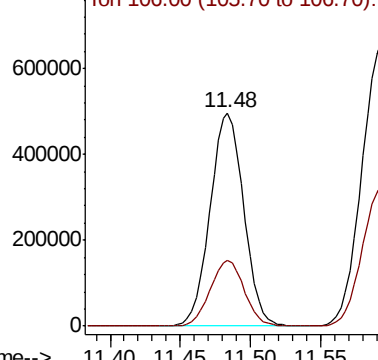
Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3004) (-)



#68

m/p-Xylenes

Concen: 98.010 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061451.D

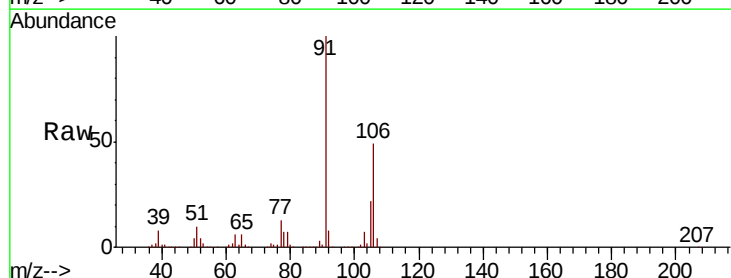
Acq: 19 May 2020 00:20

Tgt Ion: 106 Resp: 637171

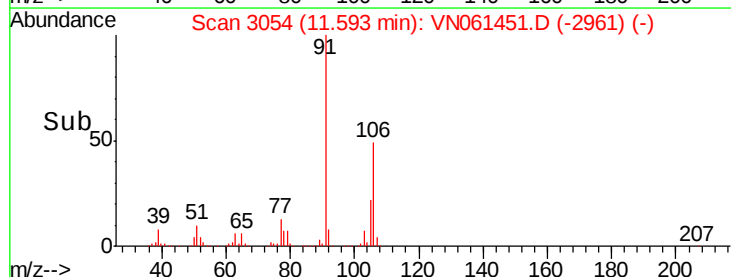
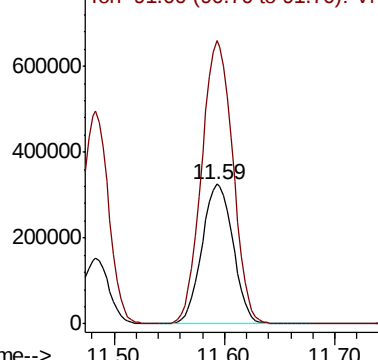
Ion Ratio Lower Upper

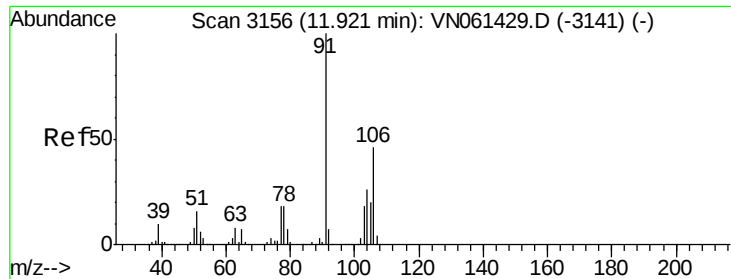
106 100

91 203.0 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VN061429.D (-3038) (-)

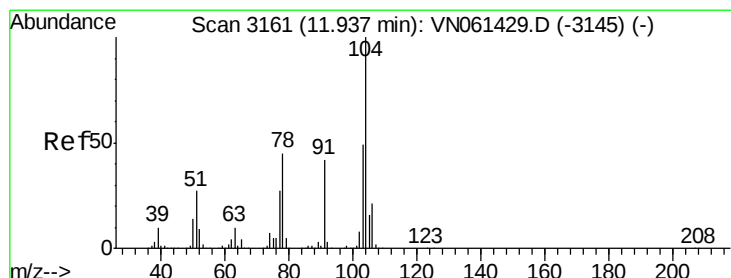
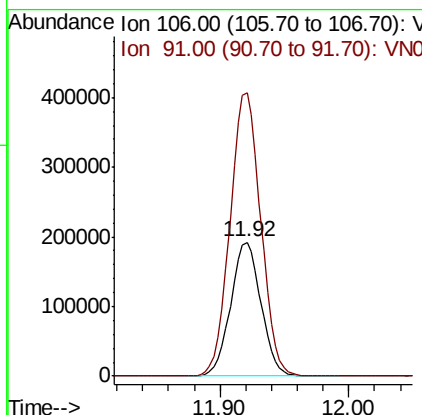
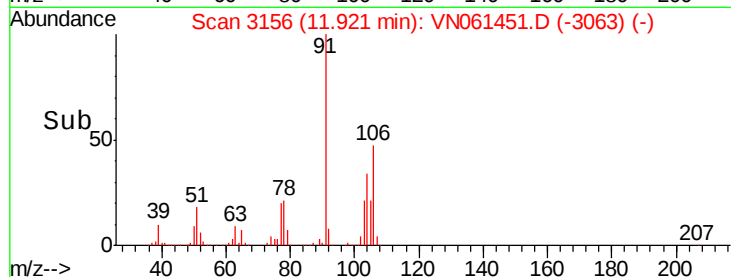
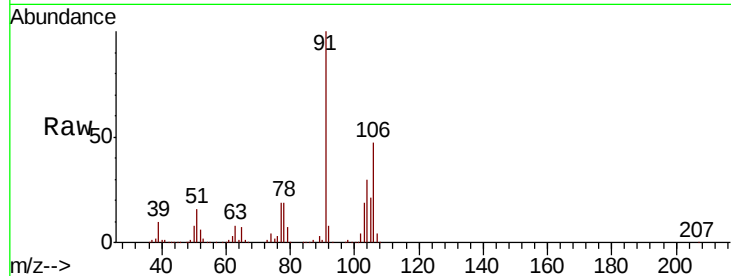




#69
o-Xylene
Concen: 49.720 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

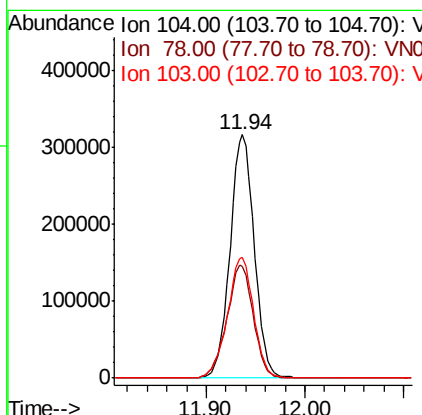
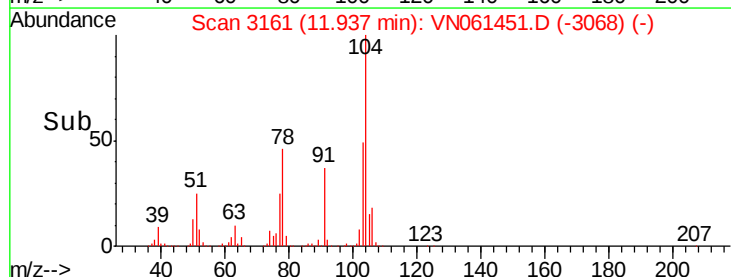
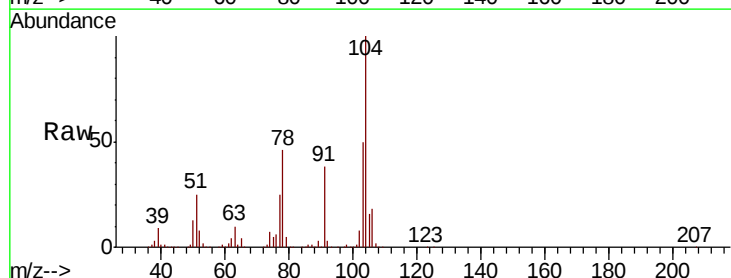
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

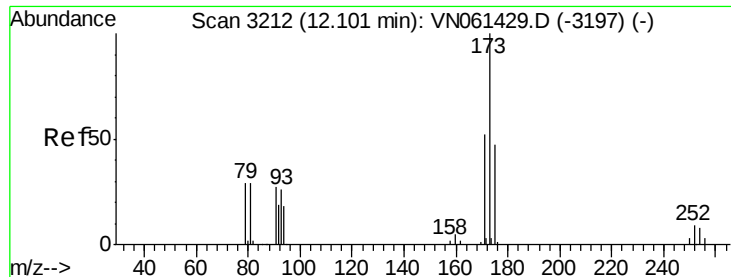
Tot Ion:106 Resp: 312799
Ion Ratio Lower Upper
106 100
91 214.6 107.9 323.7



#70
Styrene
Concen: 52.120 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion:104 Resp: 542986
Ion Ratio Lower Upper
104 100
78 50.5 40.7 61.1
103 53.6 43.0 64.4





#71

Bromoform

Concen: 50.004 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

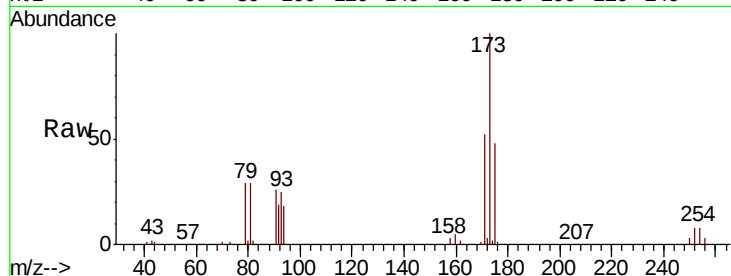
Tot Ion:173 Resp: 130799

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

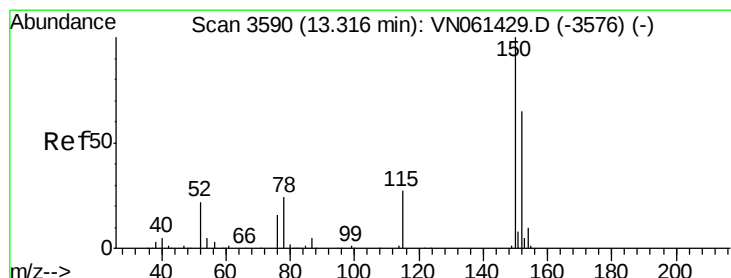
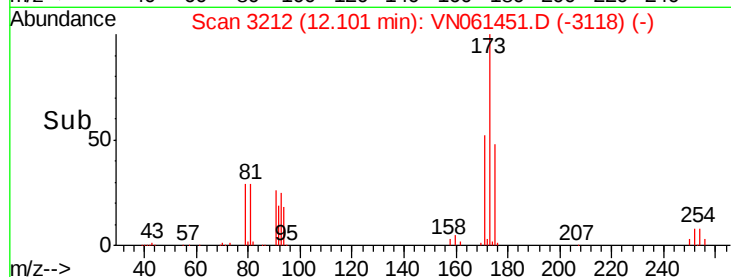
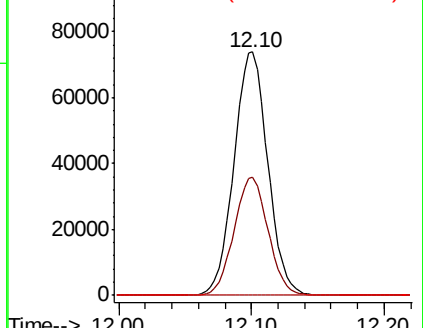
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

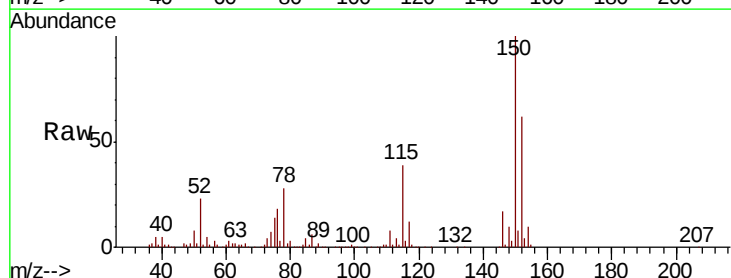
Tgt Ion:152 Resp: 212899

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.5

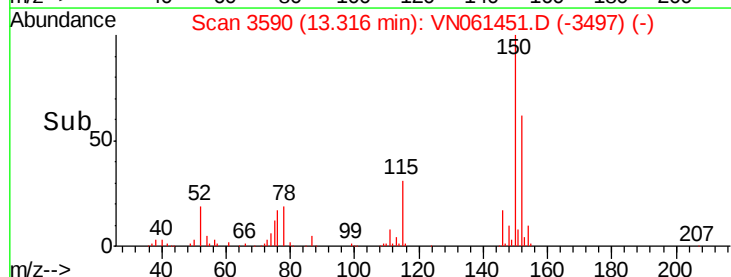
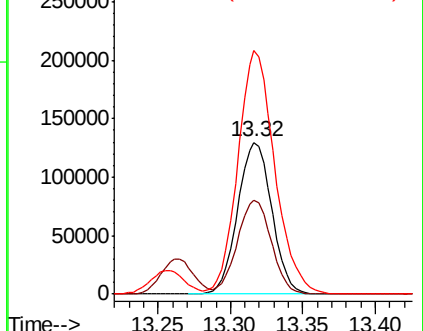
150 172.6 0.0 349.2

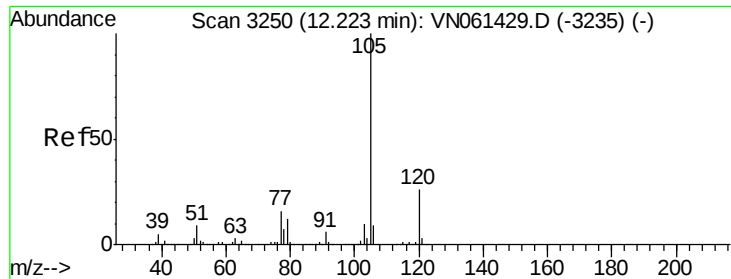


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.864 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampled :

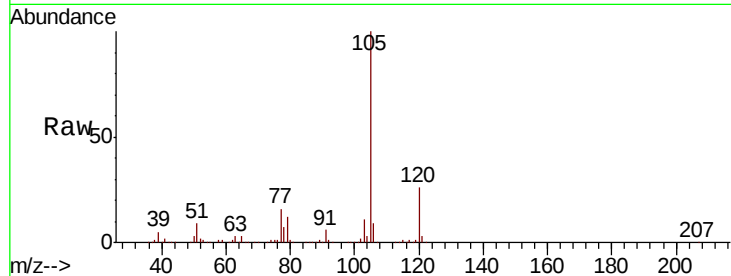
VSTDCCC050

Tot Ion:105 Resp: 783874

Ion Ratio Lower Upper

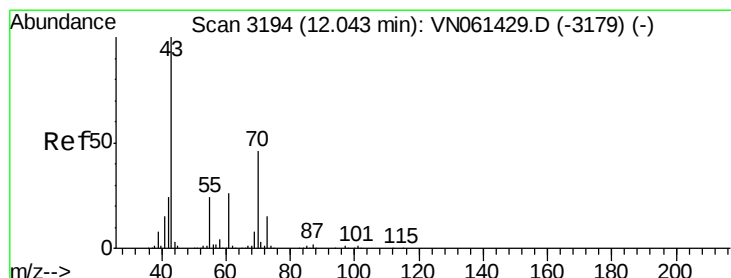
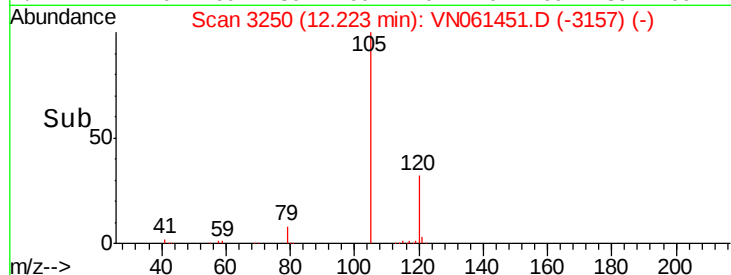
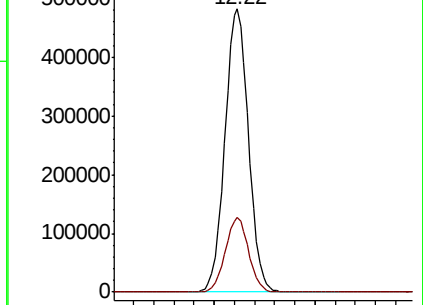
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.469 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Tgt Ion: 43 Resp: 321994

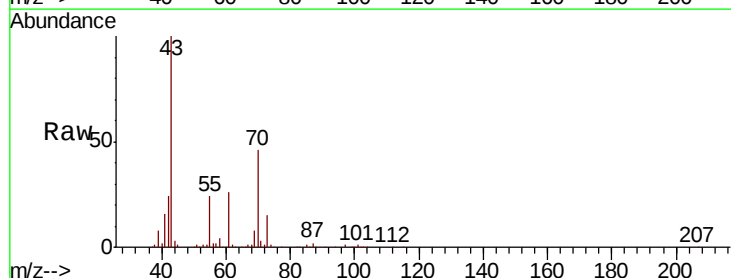
Ion Ratio Lower Upper

43 100

70 46.2 37.0 55.4

55 24.5 19.5 29.3

61 25.8 20.8 31.2

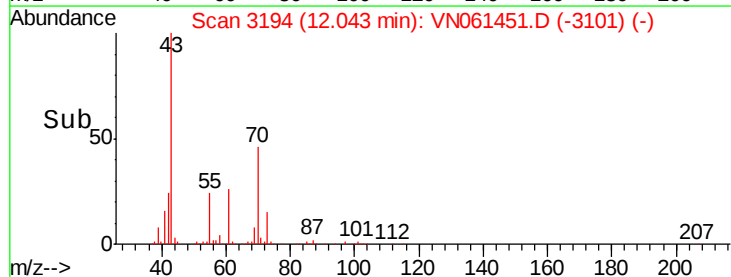
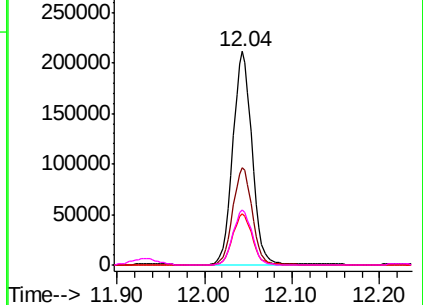


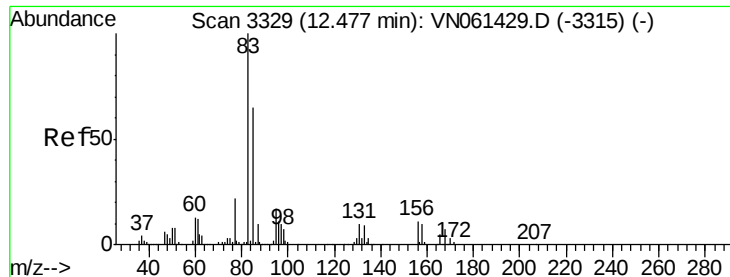
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.443 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

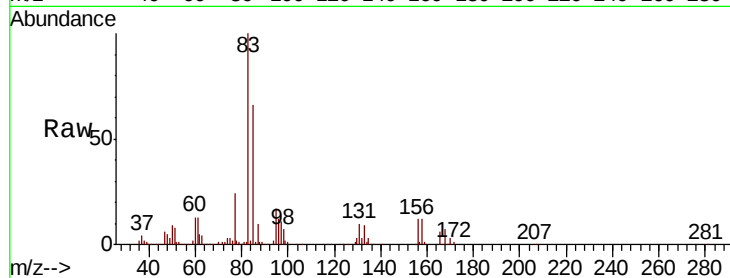
Tot Ion: 83 Resp: 241902

Ion Ratio Lower Upper

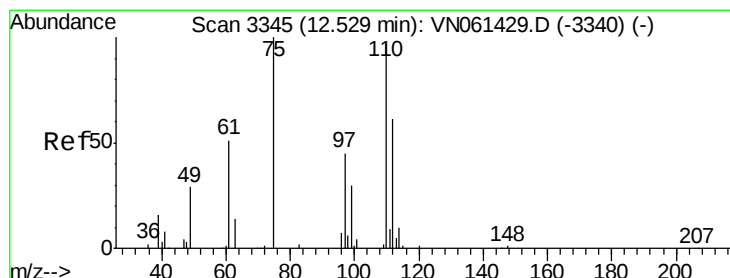
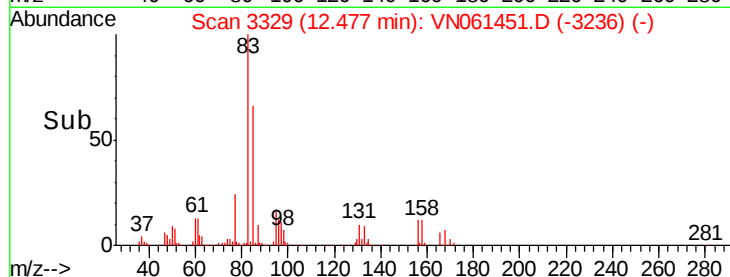
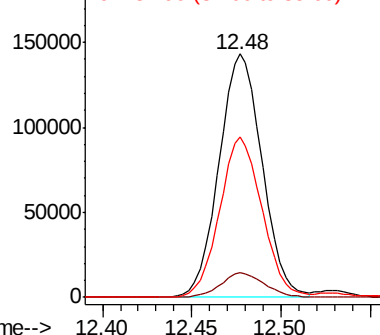
83 100

131 10.2 4.8 14.4

85 64.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 70.573 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061451.D

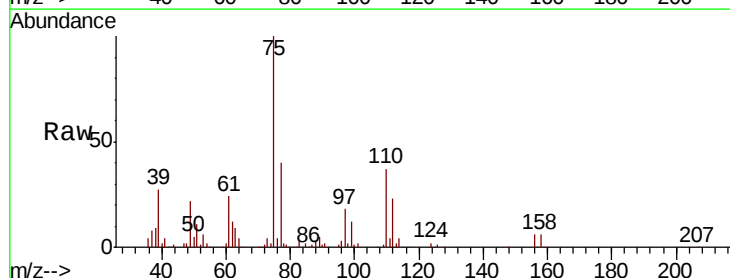
Acq: 19 May 2020 00:20

Tgt Ion: 75 Resp: 322397

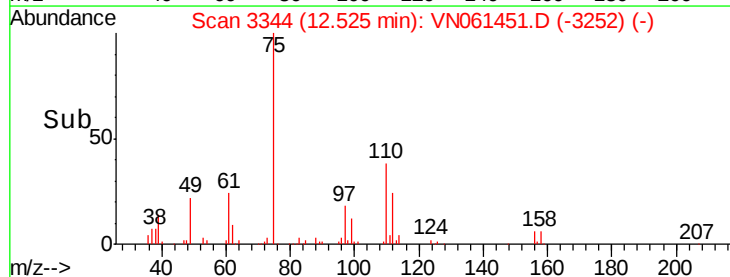
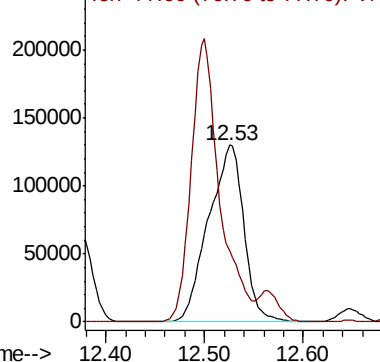
Ion Ratio Lower Upper

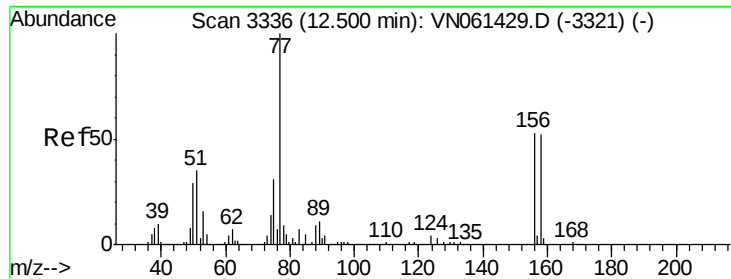
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 51.557 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

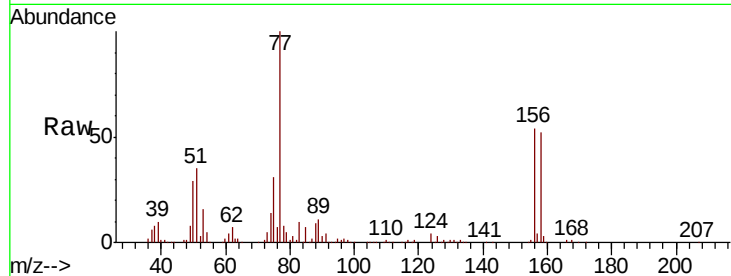
Tot Ion:156 Resp: 191235

Ion Ratio Lower Upper

156 100

77 221.6 112.3 336.9

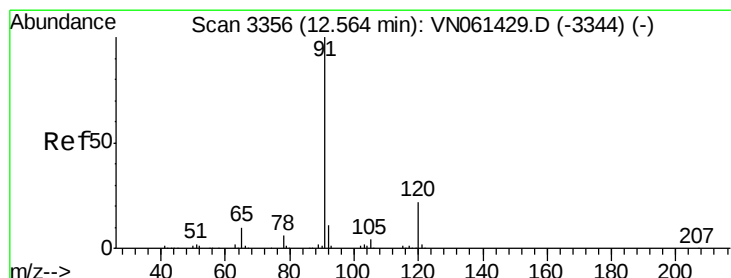
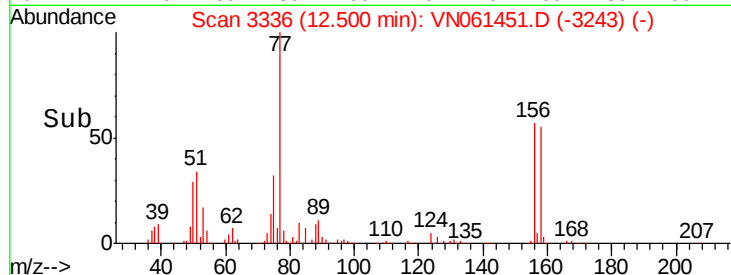
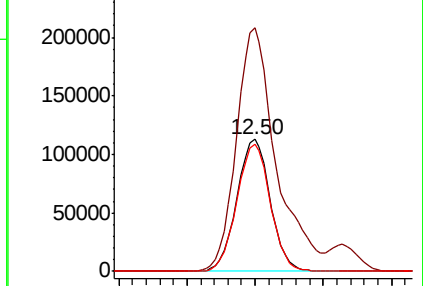
158 96.9 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.498 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061451.D

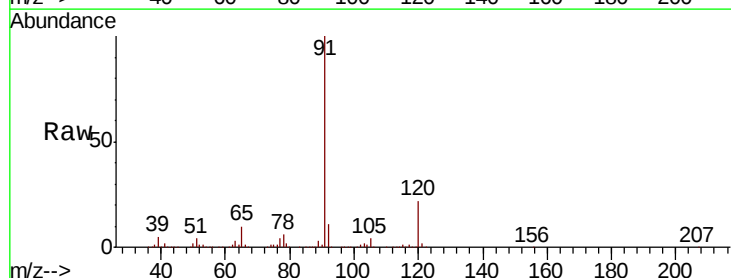
Acq: 19 May 2020 00:20

Tgt Ion: 91 Resp: 886031

Ion Ratio Lower Upper

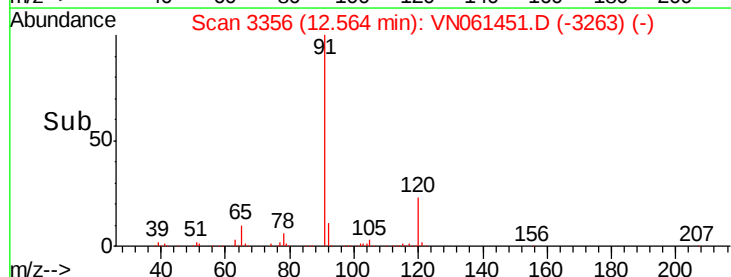
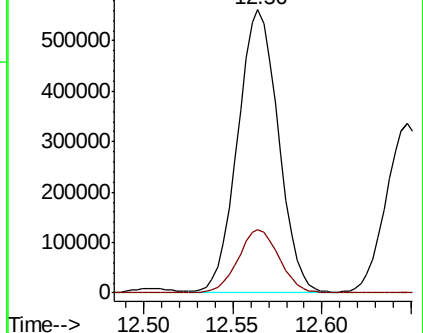
91 100

120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

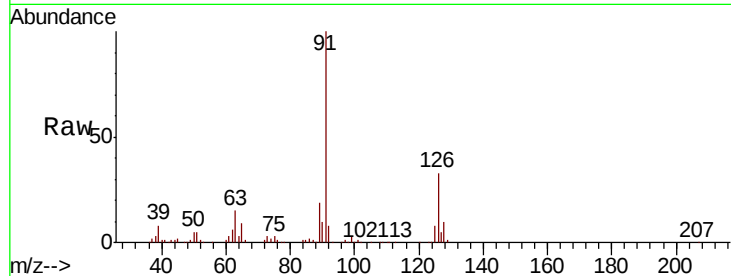




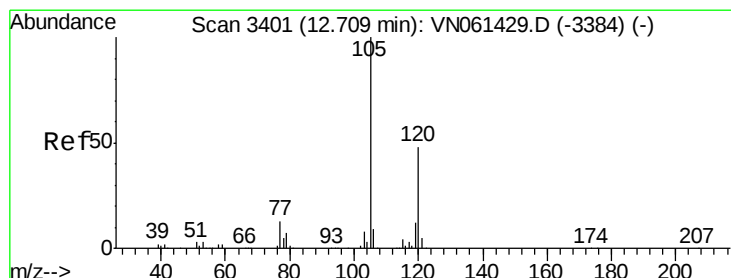
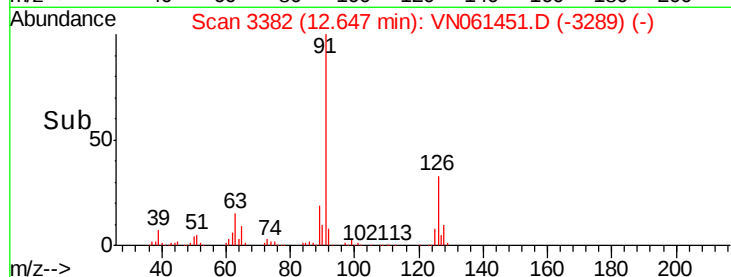
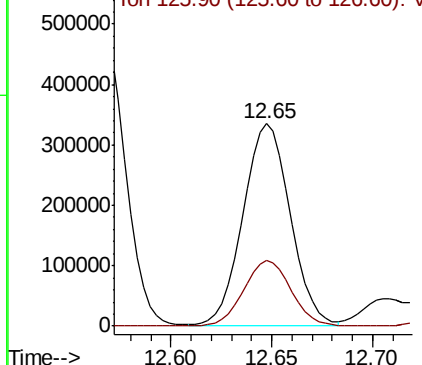
#79
 2-Chlorotoluene
 Concen: 47.478 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 546507
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.3 48.9

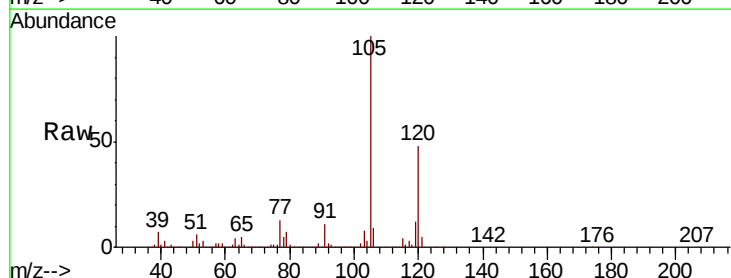


Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN061429.D (-3370) (-)

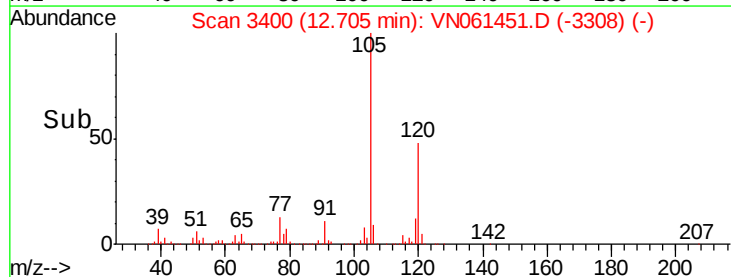
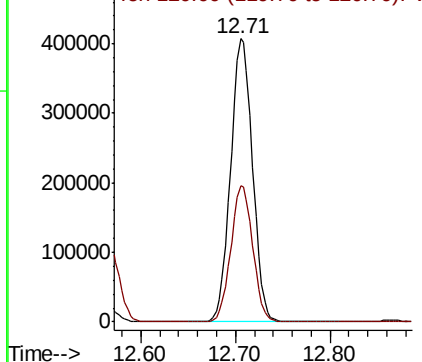


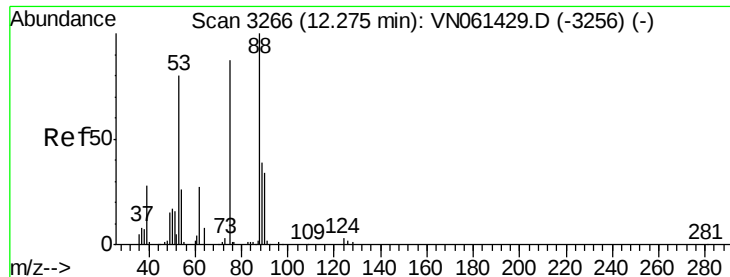
#80
 1,3,5-Trimethylbenzene
 Concen: 46.772 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion: 105 Resp: 654548
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN061429.D (-3384) (-)
 Ion 120.00 (119.70 to 120.70): VN061429.D (-3384) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.144 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

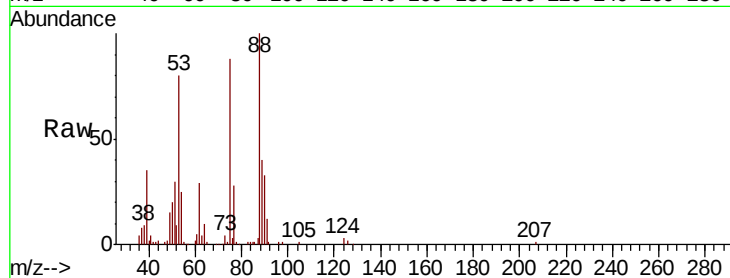
Tot Ion: 75 Resp: 84629

Ion Ratio Lower Upper

75 100

53 91.6 75.2 112.8

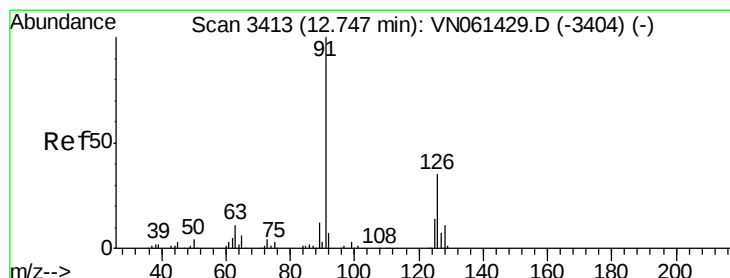
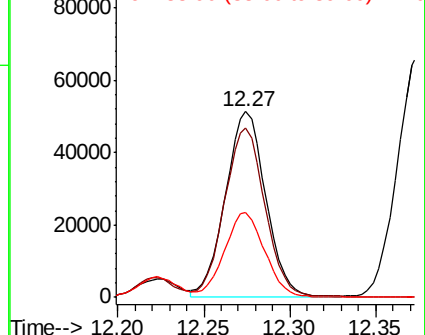
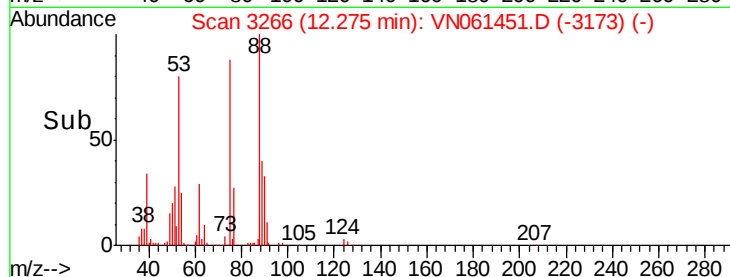
89 45.3 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061429.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061429.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 49.009 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061451.D

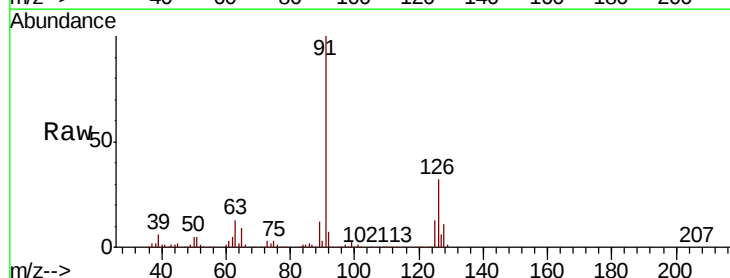
Acq: 19 May 2020 00:20

Tgt Ion: 91 Resp: 584116

Ion Ratio Lower Upper

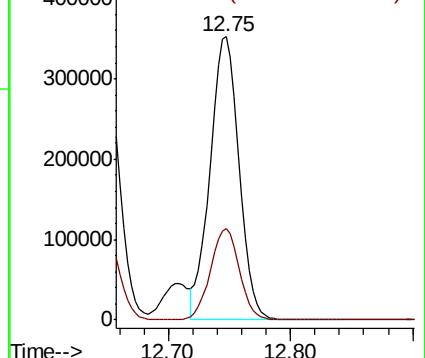
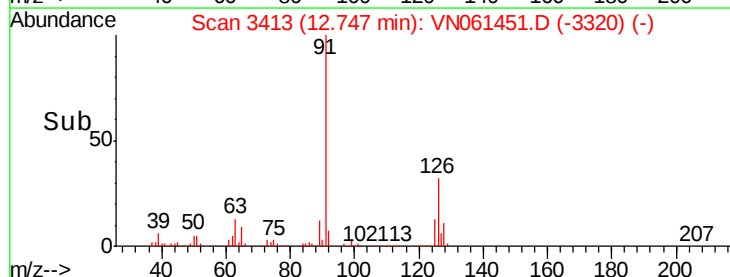
91 100

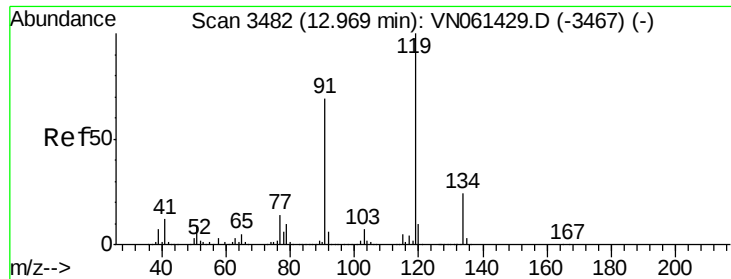
126 32.3 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061429.D (-3404) (-)

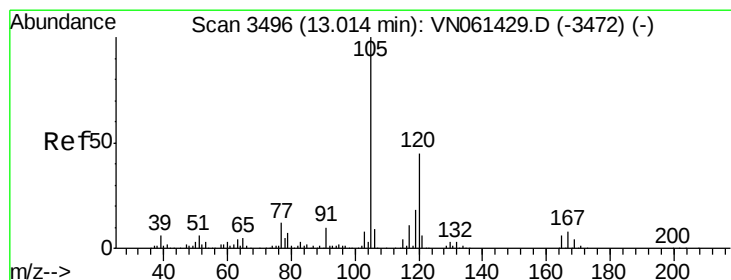
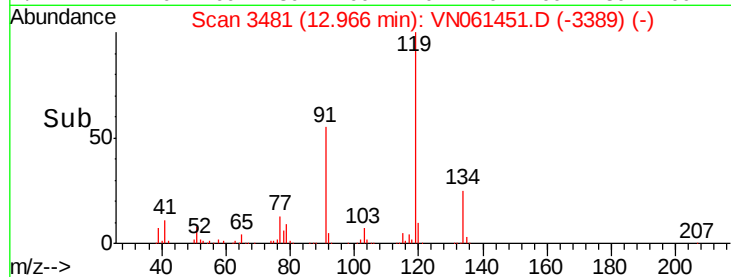
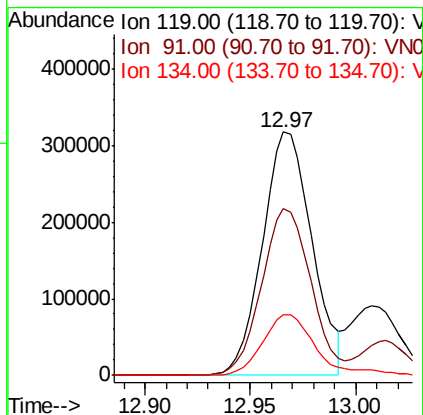
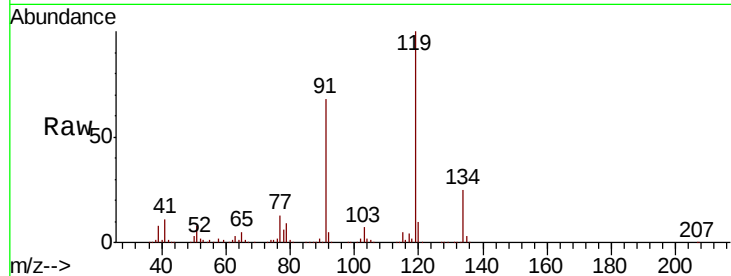




#83
 tert-Butylbenzene
 Concen: 43.394 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

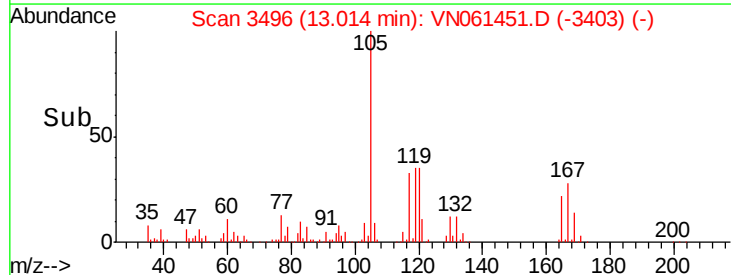
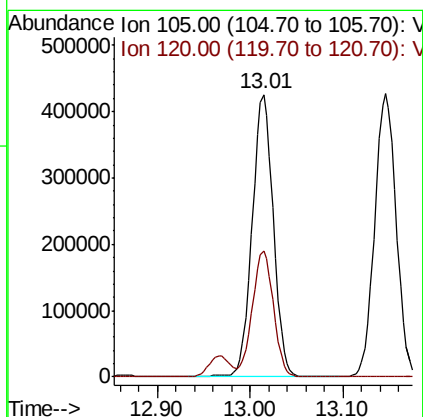
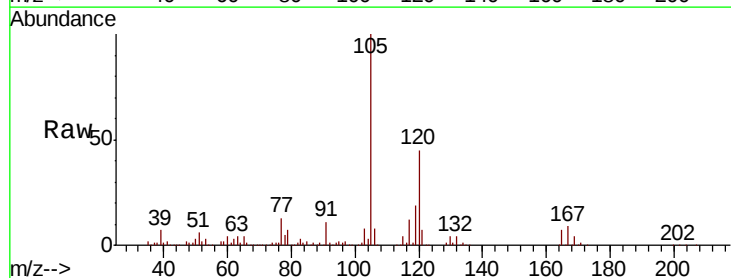
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

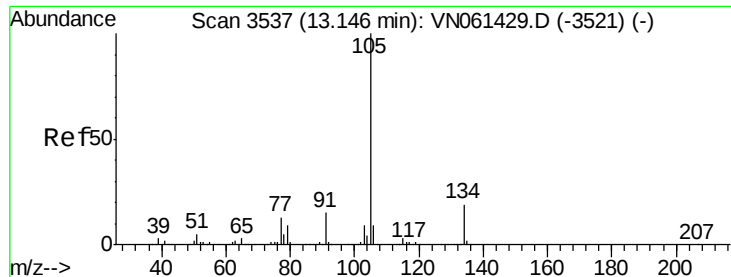
Tot Ion:119 Resp: 520170
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.7 101.0
 134 26.8 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 48.126 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion:105 Resp: 674022
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 42.262 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

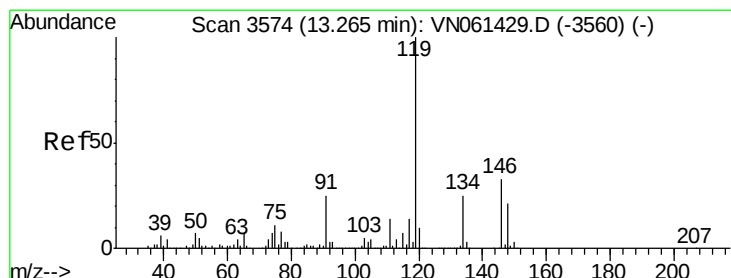
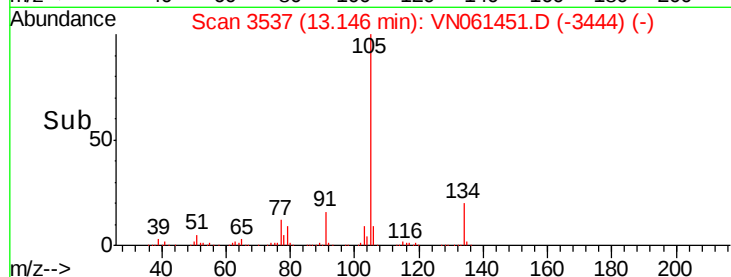
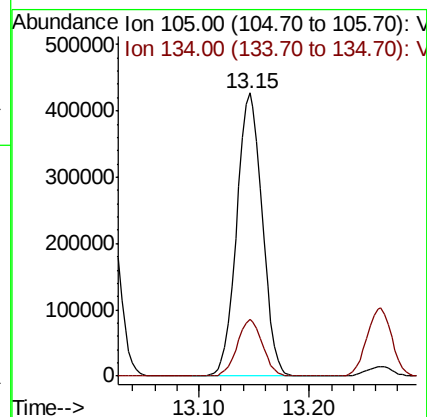
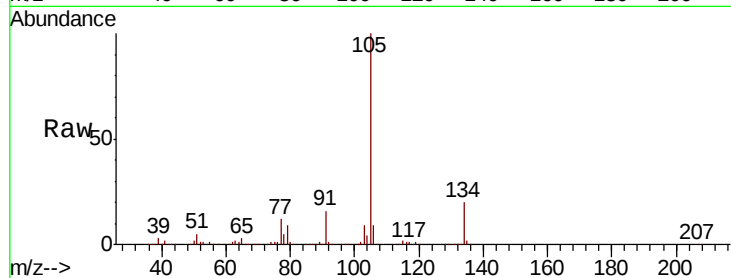
VSTDCCC050

Tot Ion:105 Resp: 685033

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 43.215 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

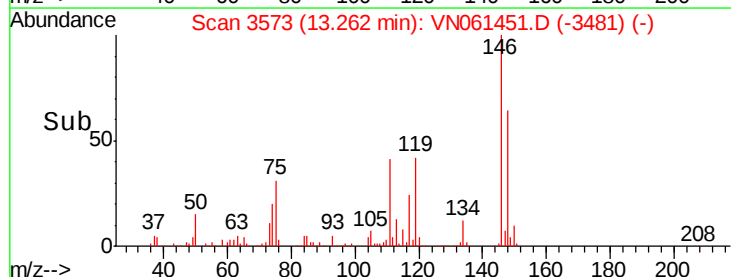
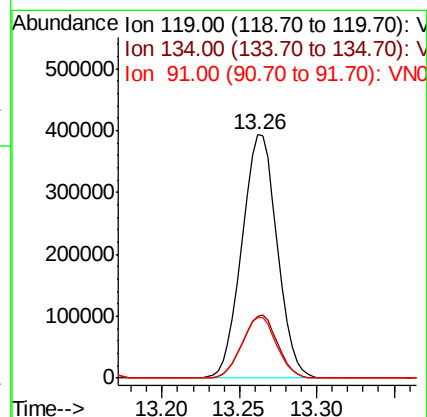
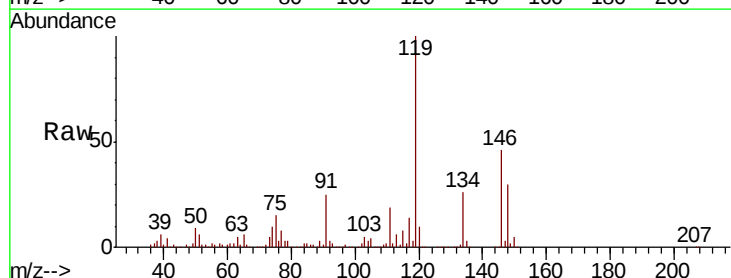
Tgt Ion:119 Resp: 622007

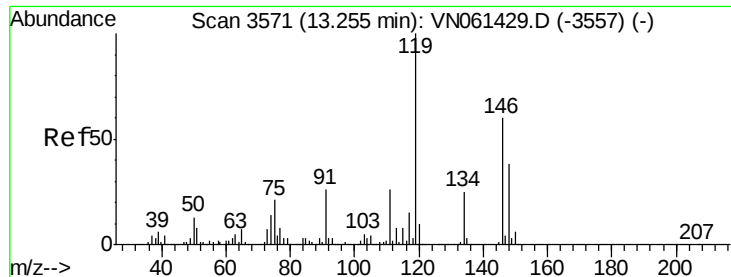
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 24.8 12.6 37.6

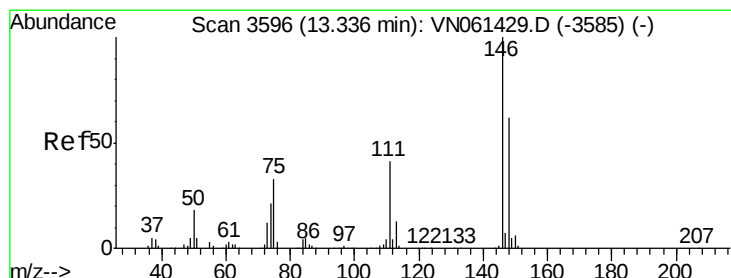
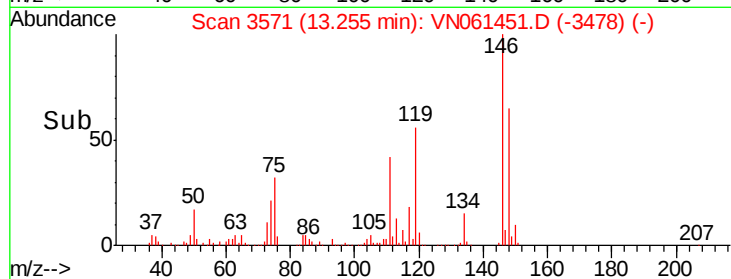
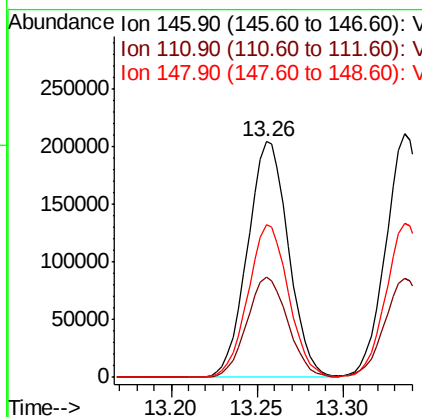
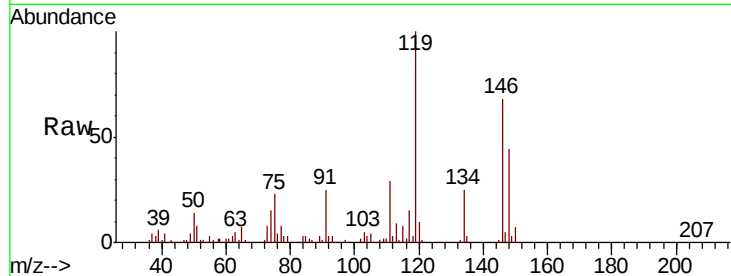




#87
 1,3-Dichlorobenzene
 Concen: 49.744 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

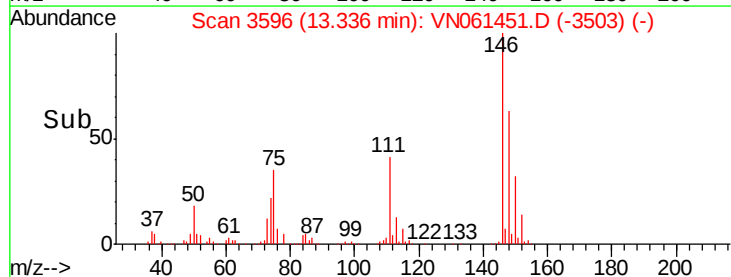
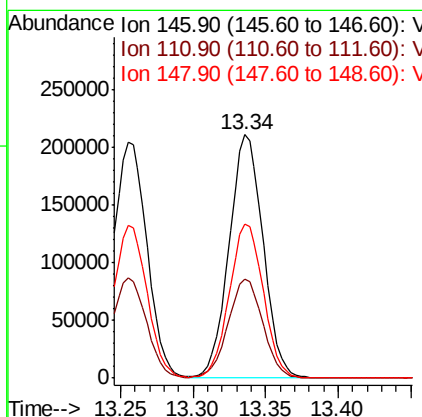
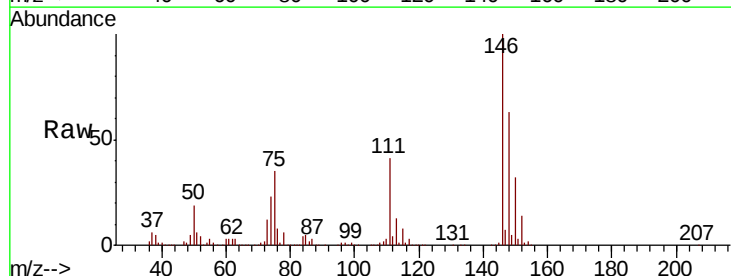
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

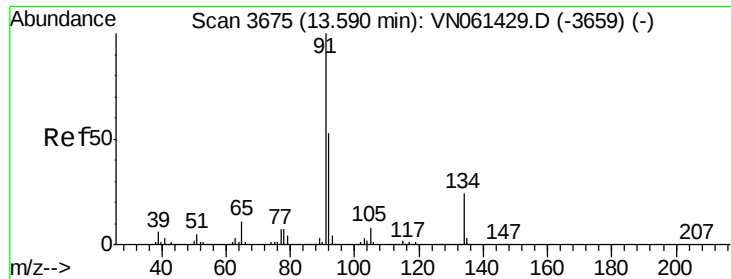
Tot Ion:146 Resp: 337678
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.5 64.5
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.302 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Tgt Ion:146 Resp: 341970
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.8 62.5
 148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 41.007 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

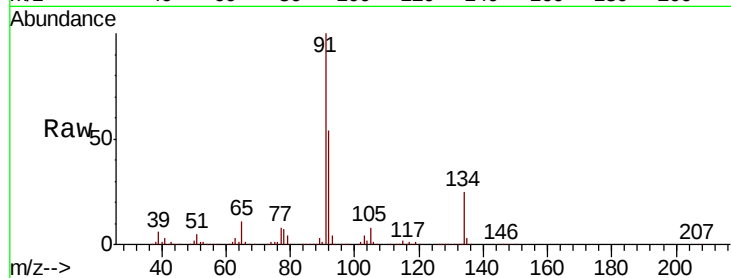
Tot Ion: 91 Resp: 536217

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.3

134 25.0 12.4 37.4

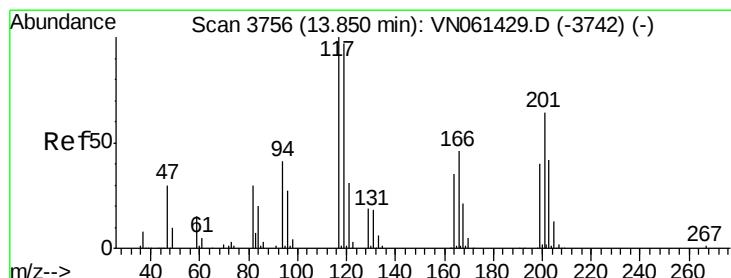
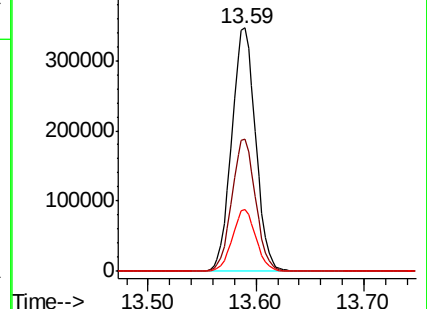
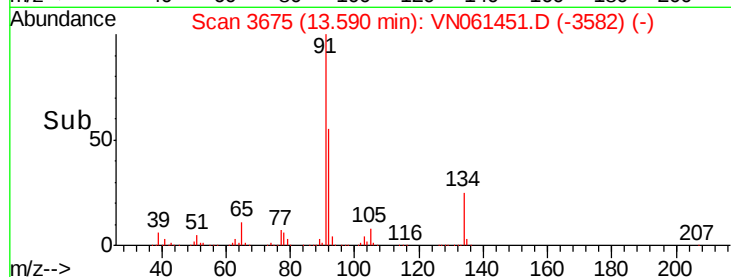


Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061429.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061429.D (-3659) (-)

Time-->



#90

Hexachloroethane

Concen: 44.889 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061451.D

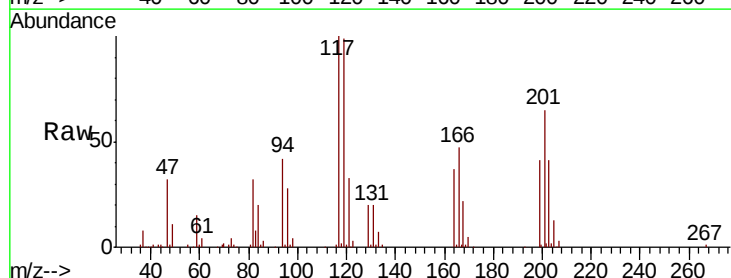
Acq: 19 May 2020 00:20

Tgt Ion: 117 Resp: 87566

Ion Ratio Lower Upper

117 100

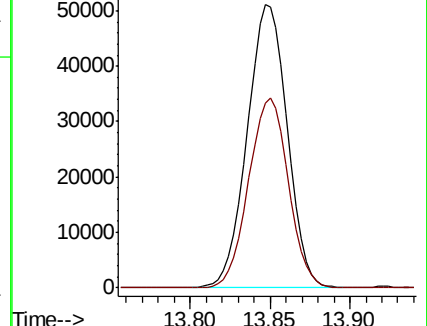
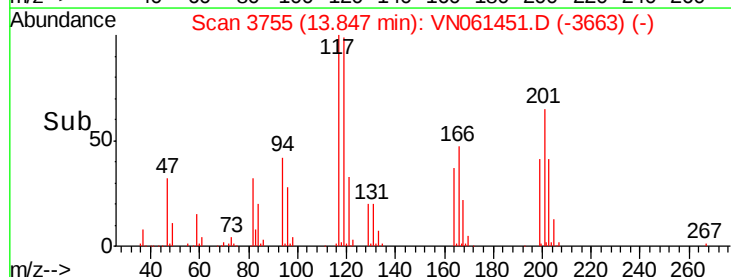
201 66.5 32.9 98.7

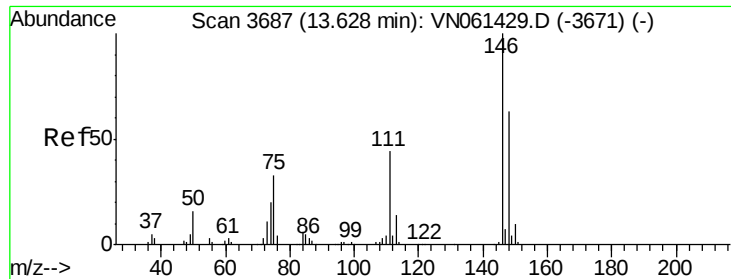


Abundance Ion 116.80 (116.50 to 117.50): VN061429.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061429.D (-3742) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 51.019 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

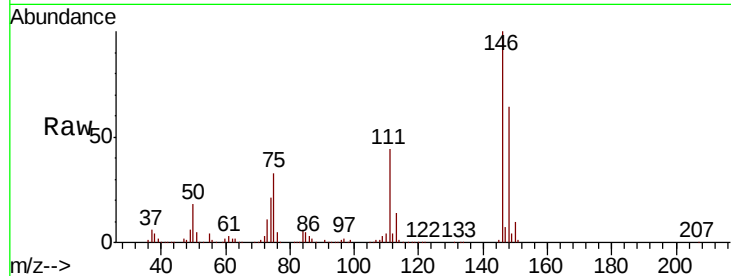
Tot Ion:146 Resp: 332219

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.7

148 63.5 31.6 94.7

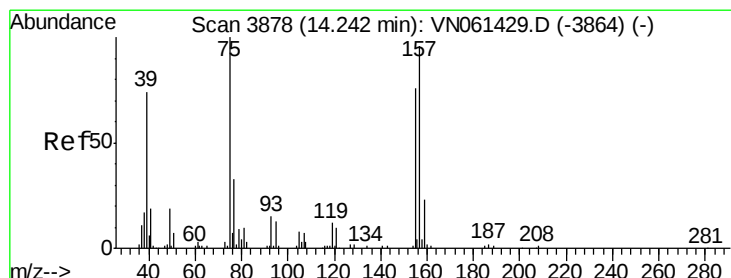
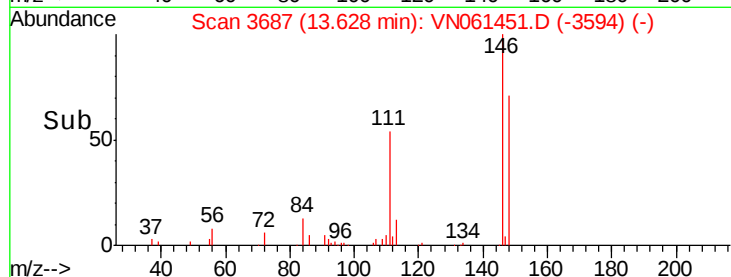
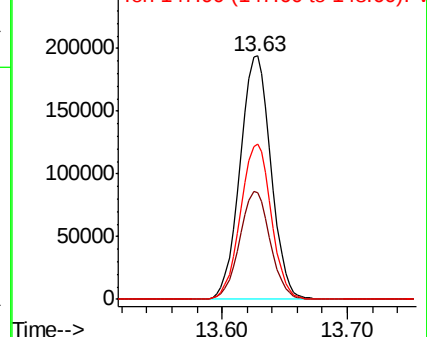


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.708 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061451.D

Acq: 19 May 2020 00:20

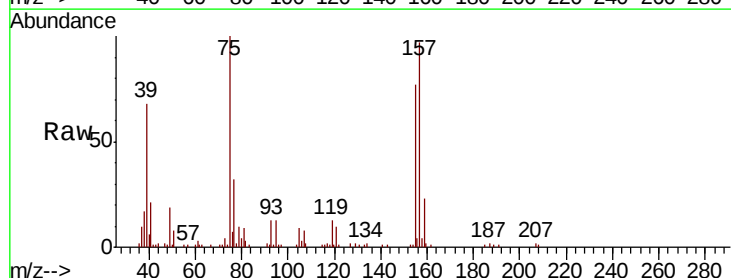
Tgt Ion: 75 Resp: 49116

Ion Ratio Lower Upper

75 100

155 77.3 38.9 116.7

157 97.9 48.6 145.8

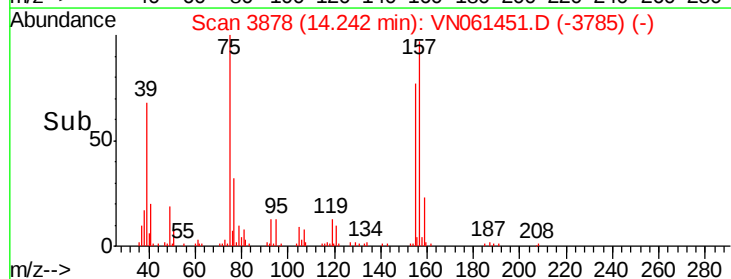
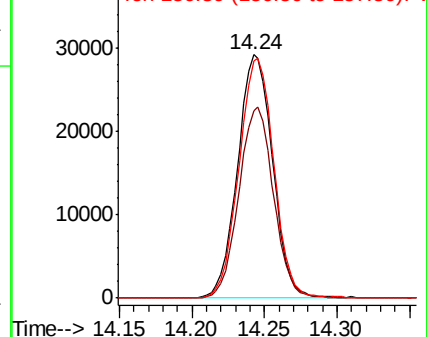


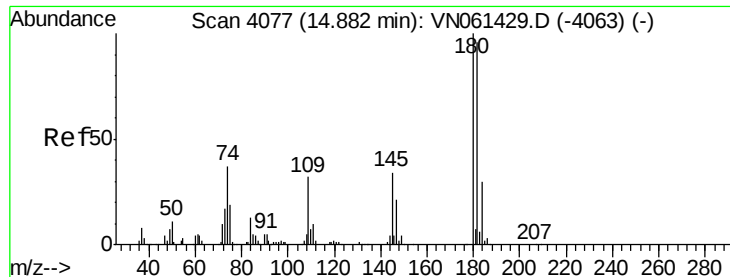
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

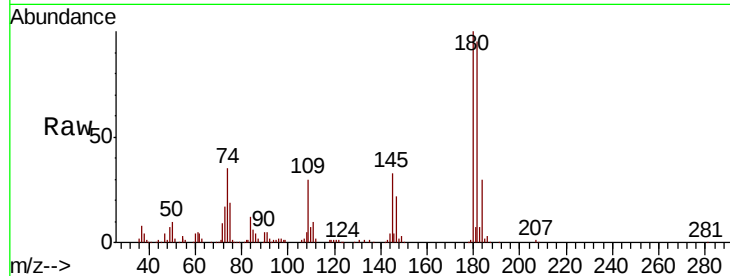




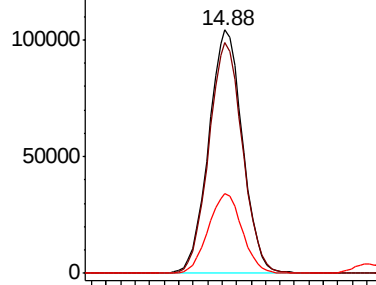
#93
 1,2,4-Trichlorobenzene
 Concen: 47.767 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

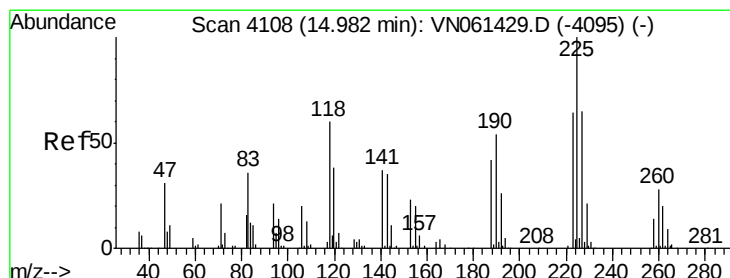
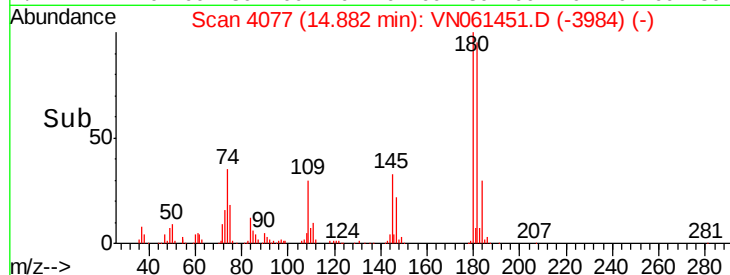
Tot Ion:180 Resp: 168654
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.0 141.0
 145 32.9 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

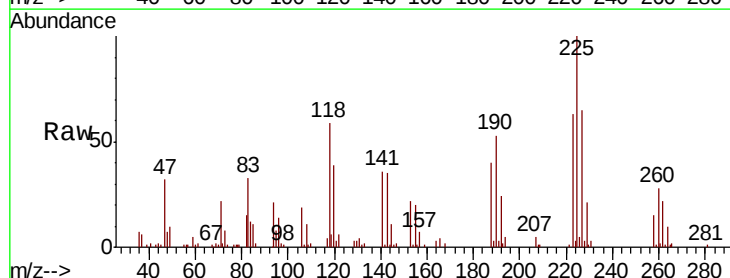


Time--> 14.80 14.85 14.90 14.95

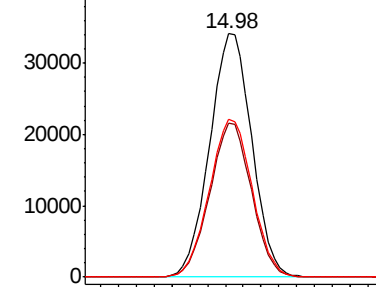


#94
 Hexachlorobutadiene
 Concen: 35.935 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061451.D
 Acq: 19 May 2020 00:20

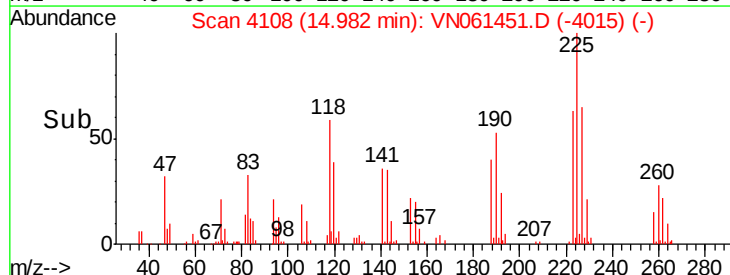
Tgt Ion:225 Resp: 56375
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.7
 227 65.8 31.5 94.5

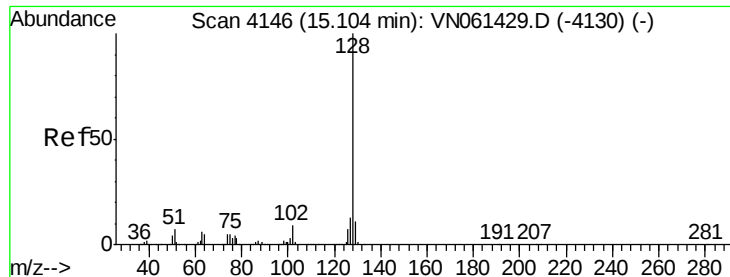


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 14.95 15.00 15.05

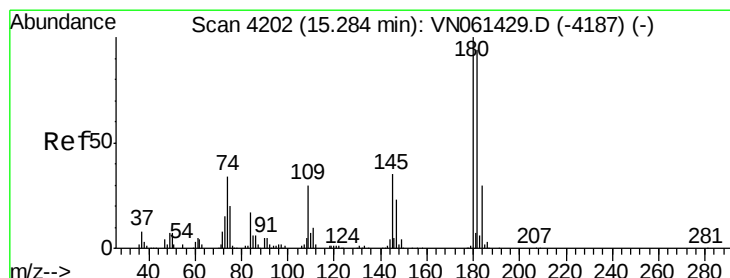
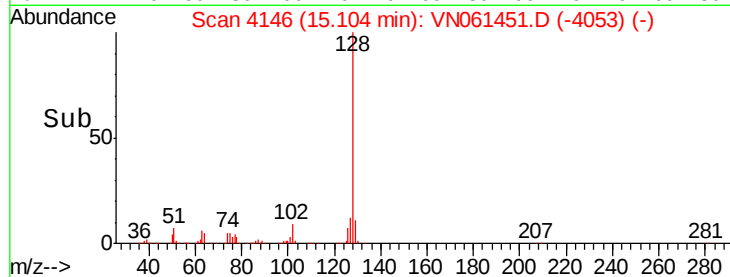
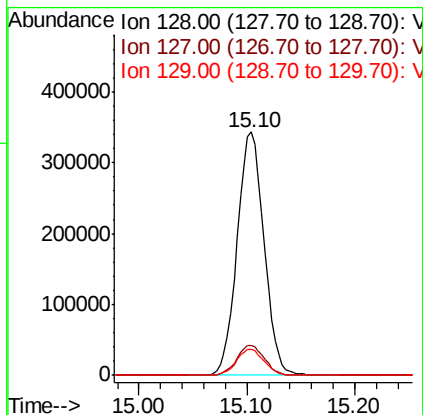
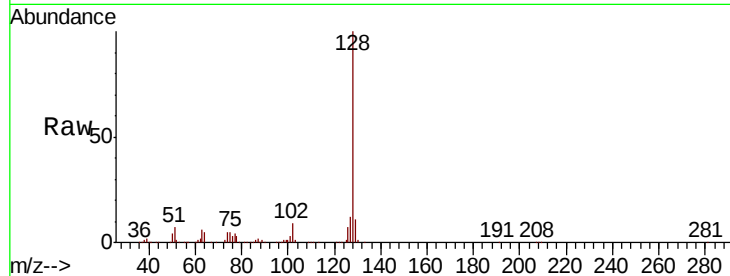




#95
Naphthalene
Concen: 53.203 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 597193
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.753 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061451.D
Acq: 19 May 2020 00:20

Tgt Ion:180 Resp: 164330
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 35.4 17.3 51.9

